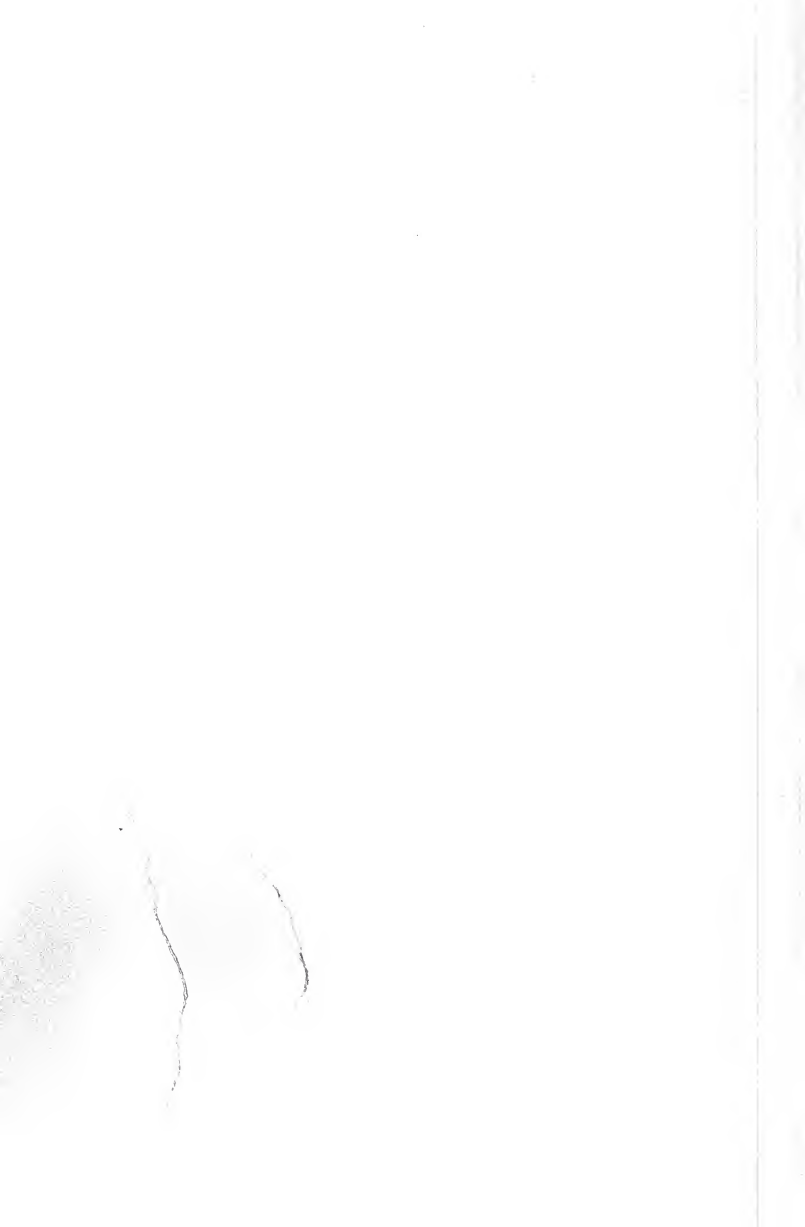


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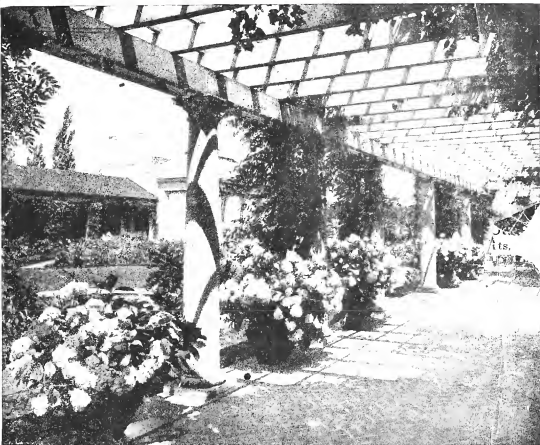
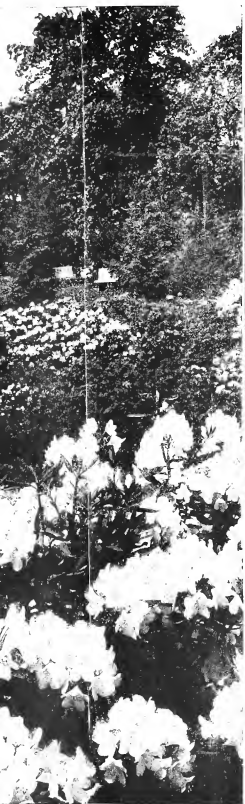
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Lang's

1919

## Floral Handbook



# Lang Floral & Nursery Co.

NURSERIES—  
Richmond Hill  
West Dallas  
Guthrie, Okla.

Dallas, Texas  
1214 Main Street

GREENHOUSES—  
3515 Ross Avenue  
Richmond Hill  
Haskell and McKinney

# Your Prospects for 1919

## As I See Them



Otto Lang, President

experts, whose invaluable services have won for our an enviable reputation within a radius of 100 miles of Dallas.

I believe we will be able to supply you most everything in our line that you will need. All of cut flowers, plants, bulbs, seeds, shrubs, trees, roses, vines and nursery stock. I want to make this a plain and truthful statement of simple facts as I see them. Of course, we will continue to back everything we sell with our guarantee to be true to name or color.

Our Service-by-Mail, too, is a worthy young brother to our personal service. You may send us your orders by mail with perfect confidence that you will get the same high grade of goods that you would secure if you came to our stores and personally selected it.

Back in '98 I started in on a small scale, handling only bedding plants and a few flowers. Now we have three nurseries of over 50 acres in fruit and shade trees, berry bushes, vines and shrubs, etc., and 30 greenhouses, with more than than 100,000 square feet under glass devoted to the growing of beautiful and ornamental pot plants, bedding, yard and house plant. Other houses are entirely devoted to growing of roses, carnations, chrysanthemums, violets, sweet peas, snapdragon, asters, gladiolus, lilies and all bulbous stock. This stock is cut

I feel farming, making garden, raising poultry and hogs and growing orchards in Texas this year is going to pay, and pay well. We are due for a good season of good weather, with plenty of rains. And the world is in dire need of everything we can raise. Then, too, it is your patriotic duty to put forth your every effort this year to raise bigger crops.

Write me personally for suggestions and information on any subject connected with horticulture, landscape gardening, etc. Our service to you is backed by my long years of studious experience and that of my associates right here in this section in supplying you healthy, true to name, and thoroughly acclimated plants and seeds. We maintain also a landscape and tree surgery department and employ

daily, delivered at our Main Street store, where we make up floral offerings. Still other of our houses are filled exclusively with palms and ferns for decorative purposes.

Our Seed Store, opened three years ago, is stocked with a full line of fresh seeds of everything to plant in the yard, garden or in the field. We also carry poultry supplies, incubators, remedies, canaries, gold fish, etc.

I respectfully urge you to order early this spring because of congested transportation and the continual change in freight and express rates that make deliveries so uncertain.

Everybody should plant Home Gardens this spring. The farmer can save from \$500 to \$1,000 by doing this. The Government urges this as a means of solving the food problems for years to come. Fruit trees, berries and grapes, too, should be planted by every home owner who wishes to reduce the cost of living. Poultry should be raised, too, for meat and eggs to offset the high cost of flesh meat, and pigeons also are splendid money makers and cost nothing extra to raise.

I reserve this page for myself to talk with you, man to man, about your prospects.

Yours for bumper crops for 1918,

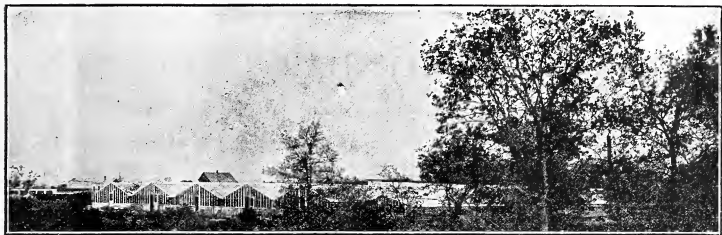


Pyramid Box \$3.50 and \$7.50 Each

**Lang Floral and Nursery Co.**  
Dallas, Texas

**Otto Lang**  
President





Birds-eye View of Richmond Hill Greenhouses

# LANG FACILITIES



We have three nurseries of over 50 acres of growing fruit and shade trees, berry bushes, vines and shrubs. We also have a big modern seed store stocked with choice, fresh seeds. We also have 30 greenhouses with more than 100,000 square feet under glass, devoted to the growing of beautiful and ornamental pot plants, bedding, yard and house plants.

## NURSERIES:

Richmond Hill,  
West Dallas,  
Guthrie, Okla.

## GREENHOUSES:

3517 Ross Avenue,  
Richmond Hill,  
Haskell and McKinney.

We grow 50,000 field roses, and thousands of evergreens and flowering shrubs on our West Dallas grounds.

At 3517 Ross Avenue, where you can find the finest and most modern retail greenhouses in the South. Here is where we grow all the bedding stock, ferns, palms, etc.; where we do the filling and packing of all home and mail orders. We are always glad to have visitors to call and see our large display of everything used for yard, garden and home. When in Dallas come and see our place. Enjoy the flowers and hear the canary birds sing.

## Richmond Hill Greenhouses

We grow our own cut flowers in our eight greenhouses. Two are planted to Roses, two for Carnations, others to Bulbous stock, Snapdragons, Stevia, etc., and one to fancy Pot Plants, Azaleas, Cyclamen, Poinsettias, Easter and Calla Lilies. You will note that we grow our own flowers, so you can always be assured of fresh stock when you order from us.

## NOTICE

All Fruit and Shade Trees, Roses, Shrubs, Evergreens and Hardy Vines, Heavy and Hardy Bulbs and Roots should be sent by express. Better and moister packages can be sent this way. We add extra plants to help pay charges. Should this method not be what you want then add 20c for every dollar you order for parcel post and insurance charges and have goods prepaid to your nearest express station or rural route, if package is not too large.

Small plants can be sent by mail if so desired, but we strongly advise our customers to have their plants sent by express at their expense, as larger and finer plants can be sent in this way, and "extras" are added to help defray charges; we always ship in this way unless instructed to the contrary. Winter blooming plants are generally sent in pots by express only.

Remittance may be made at our risk by bank drafts, postoffice money order, express order or registered letter. Small amount may be sent by ordinary mail, and postage stamps can always be used to advantage (one and two-cent denominations preferred).

## Our New Store and Office, 1214 Main St.

Our new location is on the corner of Main and Field streets, the center of Dallas activities. The outside view of our store has been made as attractive as the interior, if not more so, as one of the most beautiful landscape views is painted on the wall in all its natural colors. Thousands of people have commented on this pretty store. To see this is to appreciate the beautiful. To receive our flowers is to get the best.

When orders are sent to our house to be filled, same will be handled in the most up-to-date store in the South. Every employee has had long experience and is capable of filling any and all wants. Our stock, being mostly home-grown flowers, will travel for a long distance and arrive in first-class condition. Here orders are filled for weddings, parties, dances and floral decorations for funerals.

## Suggestions for Ordering

An Order Sheet is enclosed for your convenience in making out your order. If you deem it necessary to write a letter in addition, please do so on a separate sheet.



OUR MAIN STORE AND OFFICE, 1214 MAIN ST., DALLAS

# CALENDAR

A condensed calendar for the year, which, if closely followed, will greatly assist in the successful growing of many crops.

**JANUARY**—After carefully selecting your estimated wants for the season mail us your order. Prepare your hot-bed in which to sow Beet, Cabbage, Cauliflower, Lettuce, Onion, Radish and the like, also some varieties of Flower Seeds for transplanting.

**FEBRUARY**—The varieties mentioned for last month may now be sown either in hot-beds or cold-frame. In hot-bed sow Egg Plant, Pepper and Tomato. Such varieties as Beet, Onion and Radish may be sown in the open ground if it has become quite warm, also Early Peas, Carrots, Parsley and Spinach, set out Asparagus and Horseradish roots and Onion sets. Plant Potatoes and Field Corn. Sow Grass and Clover in field and lawn. Sow Dwarf Essex Rape and Alfalfa.

**MARCH**—This is the initial month of Spring and nearly every kind of gardening may be undertaken. Almost all the general list of vegetable seeds may be sown in the open ground with the probable exception of Egg Plant, Pepper and Tomato which should be started under glass. All sorts of roots and tubers may be planted in the open ground. Hot-bed plants having been previously hardened by leaving sash open at night, may be transplanted to open ground. Plant some early varieties of Green and Wax Beans as well as Sweet and Field Corn. Sow Grass and Clover for lawn and field, also Alfalfa, Cane, Millet, etc.

**APRIL**—Continue the good work of the preceding month and be ready for the planting of main crops, all of which may now be planted with the exception of Melon and other vine seeds. If the ground has become quite warm the more hardy varieties of Flower Seeds, also Summer Flowering Bulbs may be planted. Other plantings for succession, of Beans, Sweet Corn and Peas of the harder class may be made during this month. When not busy at other things, prepare ground for planting root crop seeds early in May. Plant Cane, Millet, Kafir Corn, Milo Maize, Mangel Wurzel Beets, etc.

**MAY**—After some days of warm sunshine may be sown seeds of more delicate germination, such as Melons, Cucumbers, and all other vine seeds, Okra, Beans, all kinds of Garden and Field Peas. Sow Celery seed, plant Mangel Wurzel and other root crop seeds, also for forage crops, Milo Maize, Jerusalem Bean, Millet, Cane, etc., Soja Beans and Velvet Beans, Peanuts. Plant June Corn, Squaw Corn.

**JUNE**—Make sowing of Cabbage and Tomatoes for late Summer, also Sweet Corn, Peas, Beans and all other vegetables, including vine seeds to come in early in the Fall. Sow Turnips. The field seeds for preceding month may be planted now, also for late season use. This is the season especially for planting June Corn, Squaw Corn, Early Northern Corn, Cane, Millet, Cow Peas, etc.

**JULY**—Transplant Cabbage and Tomato plants, also Celery. Make sowings of Turnip and Rutabaga for late Fall and Winter use. Plant Pickling Cucumbers. It is not too late to make successive planting of Beans, Peas and Sweet Corn. Plant June Corn.

**AUGUST**—Set out late Celery. Make final sowing of Turnip and Rutabaga, also late planting of Bush Beans. On land where crops have been removed sow Dwarf Essex Rape for late pasture. Prepare ground for Fall Seeding of field seeds enumerated to sow in September.

**SEPTEMBER**—Fall and Winter Blooming Bulbs should be started to come into bloom during November and December. Sow Corn Salad, Kale, Mustard, Radish and Spinach for Fall and Winter use. Cabbage, Cauliflower, Lettuce and Onions may be sown for transplanting in November. Sow Alfalfa, Barley, Rye, Oats, Wheat, Rescue Grass, Bermuda Grass and our Special Grass Seed Mixtures, Dwarf Essex Rape, Vetches and Burr Clover, etc.

**OCTOBER**—Sow Cauliflower, Cabbage and Lettuce for transplanting. Bulbs for Winter blooming may be planted in pots or boxes. Sow Turnips, Mustard, Kale, Spinach and Corn Salad for Winter Greens. Grass and Clovers. For Fall seeding, Barley, Wheat, Oats, Rye, Vetches and Alfalfa.

**NOVEMBER**—Continue to sow Cabbage and Lettuce. Set out Asparagus and Horseradish roots, Strawberries, Cabbage, etc. Plant all kinds of Early Spring Flowering Bulbs. Sow Alfalfa.

**DECEMBER**—Market gardeners have found it quite profitable to plant such varieties as Beet, Radish, and Lettuce in hot-beds for winter use, as there is always a good demand for fresh vegetables during winter months. Spring flowering bulbs should be planted not later than this month to obtain satisfactory results.

## Table Showing Quantity of Seed Usually Sown Per Acre

	Weight per bu.	Quantity to sow 1 acre
Alfalfa	60 lbs.	20 to 50 lbs.
Artichoke	50 lbs.	4 to 5 bu.
Barley, broadcast	48 lbs.	2 to 3 bu.
Bean, Dwarf, in drills	60 lbs.	2 to 1½ bu.
Bean, Pole, in hills	60 lbs.	10 to 12 qts.
Beet, Table, in drills	60 lbs.	6 lbs.
Beet, Mangel-Wurzel	60 lbs.	5 lbs.
Broom Corn, in hills	66 lbs.	8 to 10 qts.
Buckwheat	48 lbs.	1 bu.
Cabbage, in beds to transplant	60 lbs.	½ lb.
Carrots, in drills	60 lbs.	3 to 4 lbs.
Corn, in hills	56 lbs.	8 to 10 qts.
Corn, for fodder	56 lbs.	3 bu.
Clover, Alsike	60 lbs.	10 lbs.
Clover, Lucerne or Alfalfa	60 lbs.	20 to 50 lbs.
Clover, Red	60 lbs.	5 bu.
Clover, White	60 lbs.	12 to 15 lbs.
Cucumbers, in hills	60 lbs.	2 lbs.
Flax, broadcast	56 lbs.	1½ bu.
Grass, Kentucky	14 lbs.	3 bu.
Grass, Orchard	14 lbs.	3 bu.
Grass, English Rye	22 lbs.	3 bu.
Grass, Red Top	19 lbs.	3 bu.
Grass, Timothy	19 lbs.	½ bu.
Grass, Hungarian	48 lbs.	1 bu.
Grass, Rescue	40 lbs.	40 lbs.
Grass, Bermuda	10 lbs.	8 to 10 lbs.
Grass, Johnson	25 lbs.	50 lbs.
Grass, Lawn	15 lbs.	4 bu.
Kafir Corn, in drills	50 lbs.	10 bu.
Kafir Corn, broadcast	50 lbs.	1 bu.
Lettuce	60 lbs.	2 to 3 lbs.
Melon, Musk, in hills	60 lbs.	2 to 5 lbs.

	Weight per bu.	Quantity to sow 1 acre
Melon, Water, in hills	60 lbs.	4 to 5 lbs.
Millet, German	50 lbs.	40 to 50 lbs.
Millet, Hog	50 lbs.	40 to 50 lbs.
Millet, Siberian	50 lbs.	40 to 50 lbs.
Millet, Japanese	50 lbs.	1 bu.
Millet, Pearl or Cattail, in drills	50 lbs.	5 lbs.
Millet, Pearl or Cattail, broadcast	50 lbs.	50 lbs.
Milo Maize, in hills	50 lbs.	10 lbs.
Oats, broadcast	32 lbs.	2 to 3 lbs.
Onion Seed, in drills	52 lbs.	3 to 5 lbs.
Onion Sets, in drills	52 lbs.	8 to 12 bu.
Onion Seed, for sets, in drills	52 lbs.	50 lbs.
Parsnips, in drills	22 lbs.	4 to 6 lbs.
Peanuts	22 lbs.	1 bu.
Peas, field or stock, broadcast	60 lbs.	1½ to 3 bu.
Pea, Garden, wrinkled, in drills	60 lbs.	1½ bu.
Pea, Round, in drills	60 lbs.	1½ bu.
Potatoes	60 lbs.	8 bu.
Potato, Cut Tubers	60 lbs.	8 bu.
Pumpkins, in hills	60 lbs.	3 lbs.
Radish, in drills	60 lbs.	8 to 10 lbs.
Rape, Dwarf Essex	56 lbs.	5 to 8 lbs.
Rye, broadcast	56 lbs.	1½ to 2 bu.
Salsify, in drills	50 lbs.	8 to 10 bu.
Sorghum, or Sugar Cane	50 lbs.	2 to 4 bu.
Spinach, in drills	50 lbs.	15 lbs.
Squash, Bush Varieties, in hills	50 lbs.	4 lbs.
Squash, Running Varieties, in hills	50 lbs.	3 lbs.
Tomato, to transplant	50 lbs.	¼ lb.
Turnip, broadcast	50 lbs.	2 to 5 lbs.
Turnip, in drills, 1 oz to 200 ft. of drill	50 lbs.	1½ lbs.
Vetch, broadcast	50 lbs.	30 to 40 lbs.
Wheat, broadcast	60 lbs.	1½ to 2 bu.

# ORCHARD PLANTING AND MANAGEMENT

**LOCATION**—The orchard should grow near and preferably on the north side of the residence. Peach, Plum, Apricot and Cherry thrive best on high lands, while the Apple, Pear, Quince, Fig, Grape and Berries grow best on deep, rich, moist soils. Dark loamy soil, underlaid with rich moist clay, with northern slope and exposure, is best for all kinds of fruits.

**ON RECEPTION** of trees or plants, they should be planted immediately. Every day of exposure reduces their chance of life. If weather or other conditions prevent planting, all roots should be deeply covered with fine moist soil until permanently transplanted.

**PRUNING**—When ready to plant a tree, cut all large roots back near the crown by holding the tree with top downward and cutting from the underside of the roots. About half of the top should be cut away. Plant in small hole, deep enough to receive tap roots, or crowd two or three inches below the surface and pack the soil closely about the roots. If the soil is dry at planting it should be moistened. If water is inclined to stand on orchard land, slight ridges should be thrown to the trees.

**GATHERING**—For eating fresh, for canning or for evaporating, fruit should be well ripened; for shipping or preserving it should be well colored, yet firm.

**ADAPTATION OF FRUITS**—You can safely plant Chinese Peaches, native Plums, Kieffer Pears, Grapes and Blackberries in any part of the Southern States with a reasonable guarantee of plenty of fruit.

## SPACE REQUIRED BY TREES

This varies with the quality of the soil. In deep, rich soil trees and plants should have greater space than in a thinner one.

Apple trees should be planted..... 30 to 40 feet apart  
Peach and Pear trees should be planted..... 20 to 30 feet apart  
Plum and Apricot trees should be planted..... 15 to 20 feet apart

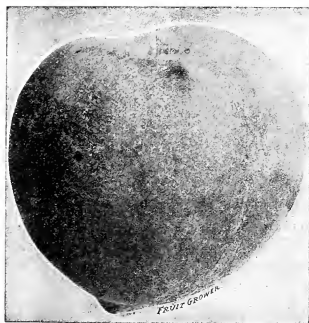
Grape-vines and Fig trees should be planted... 8 to 10 feet apart  
Berries should be planted..... 6 to 8 feet apart

## NUMBER OF TREES PER ACRE

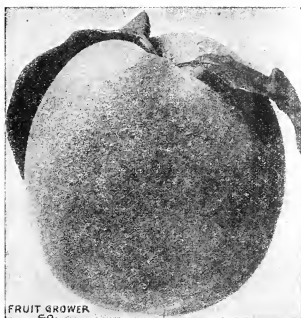
At 50 feet apart..... 48 trees  
At 25 feet apart..... 69 trees  
At 20 feet apart..... 108 trees  
At 15 feet apart..... 193 trees

At 10 feet apart..... 455 trees  
At 8 feet apart..... 680 trees  
At 6 feet apart..... 1200 trees  
At 4 feet apart..... 2722 trees

Our terms are cash, except when special terms are made. Digging and shipping begins November 15th, and continues until April 1st.



General Lee



Old Mixon Cling

## Standard Peaches

Peaches are among the most desirable fruits, and the peaches of Texas are famous. Here the trees grow and bear without care or cultivation almost anywhere the seed may be dropped. Many new, rare and prolific varieties are discovered every year. All classes and all varieties are adapted to some parts of Texas. The Chinese race is most popular, but many Persian and Spanish Peaches are considered indispensable. The north Chinese and Persian Peaches are most valuable in north Texas; the south Chinese and Spanish Peaches are best for the southern part of the state. Early varieties ripen in May and June, while others ripen continuously until December.

On 6 trees or more, apply dozen rates. On 50 trees or more apply 100 rates.

	Each	Doz.
Extra large, 2-year, 5 to 7 feet.....	\$0.75	\$7.50
First grade, 2-year, 4 to 5 feet.....	.50	5.00
First grade, 3 to 4 feet.....	.30	3.00

## PEACHES—Continued

**ALEXANDER**—Above medium in size. Greenish white, nearly covered with red. Very juicy and of good quality. Trees prolific and bear when young. Semi-cling. Ripens latter part of May.

**ARP BEAUTY (Early Elberta)**—A fine yellow commercial peach, ripening between Alexander and Mamie Ross. A favorite among East Texas orchards. Ripen June 10. Free.

**MAMIE ROSS**—Large, white, almost covered with carmine; flesh white, juicy, and of good quality. One of the best for family use, and probably the best early commercial variety. Semi-cling.

**HOBSON**—Fruit large, white with red cheek; flesh sweet and delicious. A valuable peach and a good shipper. Our introduction. Cling.

**FAMILY FAVORITE**—Clear creamy white, with dark blush. Skin quite fuzzy. Flesh white with tint of red at stone. Excellent quality. Free.

**ELBERTA**—Large, yellow, rich, oval shape; best commercial peach. Ripen July 15 to 20. Free.

**GENERAL LEE CLING**—Large, carmine-red, melting, juicy, rich. Ripen July 20. Cling.

**OLD MIXON CLING**—Large, round, red cheek, sweet, firm; valuable. Ripen July 20.

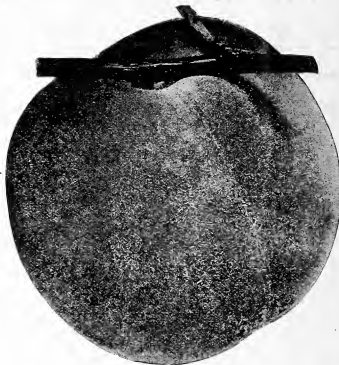
**GOVERNOR HOGG**—A large white clingstone; Texas introduction. A very valuable peach for family use. Ripen July 20 to 25.

**CHINESE CLING**—Very large, red cheek, white flesh, juicy. Ripen July 25.

**HENRIETTA**—Cling; large, round, yellow, rich and sweet. Ripen in September. Free.

**SPENCER**—A new peach of exceptional worth. Large. Flesh creamy white with richest flavoring. Free.

These are some of the standard. We have many more varieties in stock. Should other varieties be wanted let us know.



Elberta

## Plums

The plum in many varieties, grows wild in all parts of the country. This is the most universal, most easily grown and most useful of all our fruits. The trees are hardy, vigorous and prolific. Some of the late blooming varieties never fail to bear in a location adapted to their growth.

Some of the varieties are adapted to every soil, and especially to the clay soils. More fruit will be matured where several varieties are planted near each other. The curculio is the worst enemy of the plum. This insect is easily destroyed by spreading sheets under the trees soon after the bloom is shed, jarring the tree during cool, mornings and burning the insects. This should be repeated every week for three or four weeks.

## SEASON OF RIPENING

Varities in the following list will supply best fruit in about the order named: Six Weeks, Gonzales, Burbank, Milton, Golden Beauty. This list will extend from May to September.

	Each	Doz.
First grade 2-year, 5 to 6 feet.....	\$9.75	\$7.50
First grade 2-year, 4 to 5 feet.....	.50	5.00
First grade 1-year, 2 to 3 feet.....	.30	3.00

**SIX WEEKS**—One of the best productive plums grown; ripens very early, of fine flavor, red in color; good to eat fresh and fine for cooking or preserving; best all around plum for the South.

**GOLDEN BEAUTY**—Of medium size, yellow, acid; hardy, very productive. Late.

**GONZALES**—Said to be a cross between a native plum and a Japan plum. Large, bright red, of delicious flavor; vigorous, hardy, productive.

**MILTON**—Large, red, excellent, productive, hardy; similar to the old Wild Goose plum, but very superior. July.

**WILD GOOSE**—Large, red, oblong; good Chickasaw; ripe in June.

**AMERICA** (cross between Chickasaw and Japan)—Large, round, burnished coral and gold, of best quality; ripe in June; tree vigorous, hardy, productive. One of the best plums in cultivation. Ripens July 1st.

**BURBANK (Japan)**—Large, round, dull red; has firm, sweet, yellow flesh; ripe in July. A reclining grower; hardy and very prolific. One of the most popular of commercial plums.

**WICKSON (Japan)**—Very large, oblong-pointed, yellow changing to brownish red; an upright grower; bears young; very valuable. July.

## JAPAN PERSIMMONS

This royal fruit from Japan is deservedly popular, most beautiful in foliage and fruit, and the most delicious of all fruit. It gains in the estimation of people everywhere, when they learn its value. We offer best obtainable varieties, grafted on native stocks.

Prices Japan Persimmon Trees:

	Each	Doz.
2 to 3 feet.....	\$9.50	\$7.00
3 to 4 feet.....	.75	7.00

**KUJO KUME**—Large, round, dark red skin and flesh; delicious when packed away to ripen; productive. Ripe in October.

**HAKUME**—Large, round, yellow, flesh red, good keeper; fine when soft.

## POMEGRANATES

**SUB-ACID**—Large, yellow, red cheeks, red flesh. 50c.

## FIGS

A few hardy varieties of the Fig are planted to profit here. These are among the most hardy.

Prices, Fig Trees, except where noted.

	Each	Doz.
15 to 24 inches.....	\$0.35	\$5.50
2 to 3 feet.....	.50	5.00

**BRUNSWICK**—Very large, violet, good, productive; flesh red-dish brown; excellent.

**BROWN TURKEY**—Oblong; dark brown with blue bloom, red flesh; delicious; prolific.

**MAGNOLIA**—Most popular Fig in the coast country; like Brunswick.

## CRAB APPLES

	Each	Doz.
4 or 5 feet.....	\$0.75	\$7.50
3 or 4 feet.....	.50	5.00

**TRANSCENDENT CRAB**—Tree strong grower, making a large and beautiful tree. An early and abundant bearer. Perhaps the most valuable of this class. Fruit large, round, yellow, shaded with red. Valuable for preserving and cooking and said to be one of the best for cider. September.

**RED SIBERIAN**—One of the largest crab apples. Grows in clusters; yellow with dark scarlet cheek. Bears young and abundantly. September.

## STANDARD APPLES

The Apple is cultivated more widely, produced in greater quantity, and is of greater commercial value than any other fruit. Many varieties are well adapted to growth on the rich moist clay soils of East, North and Central Texas. Planters who have failed to grow apples in Texas will, on investigation, find that they have chosen varieties not adapted to the climate, or planted on soils that did not furnish sufficient moisture. Varieties that originated in the South are much more valuable than those from the North.

The following choice Southern varieties ripen about in the order named:

June—Red June.

August and September—Ben Davis; Jonathan; Early Harvest.

October—Winesap; Black Twig.

	Each	Doz.
First grade 2-year, 5 to 7 feet.....	\$0.75	\$7.50
First grade 2-year, 4 to 5 feet.....	.50	5.00

**RED JUNE**—Medium size, conical, deep red; flesh white, tender, juicy, sub-acid; upright, vigorous, hardy, prolific; valuable.

**BEN DAVIS**—Extra large, oblong, pink and red striped; flesh white, juicy, sub-acid; tree strong; vigorous, prolific. A leading commercial apple.

**EARLY HARVEST**—Medium, flat, pale yellow. Tree a good grower and bearer. Summer.

**JONATHAN**—Of medium size, bright red, round; flesh tender, juicy, rich; a slender spreading grower, with ash-colored bark; very prolific; valuable.

**WINE SAP**—Medium, red, round; flesh yellow, rich, firm, crisp, high-flavored, hardy, prolific; valuable.

## APRICOTS

Apricots succeed best over the western portion of the country, and should not be planted extensively in other sections. The varieties here listed have proven hardy and prolific bearers. The trees should be handled as the peach, and where at home are profitable both as a market fruit and for home consumption. In planting an orchard do not overlook planting a few apricots, even though not in the proven district. Apricots ripen through June and July.

Prices, 3 to 4 ft., 50c; 5 to 7 ft., 75c.

**CLUSTER**—This valuable variety is claimed to have never missed bearing a season since its introduction. Originated in Texas from seed of Russian Apricot.

**EARLY MAY**—Yellow, free-stone, rich, juicy, of Russian strain. Very early, often ripening the last of May.

**LAMPASAS**—Large, yellow with red cheek. An excellent variety.

## Pear Trees---Standard and Select

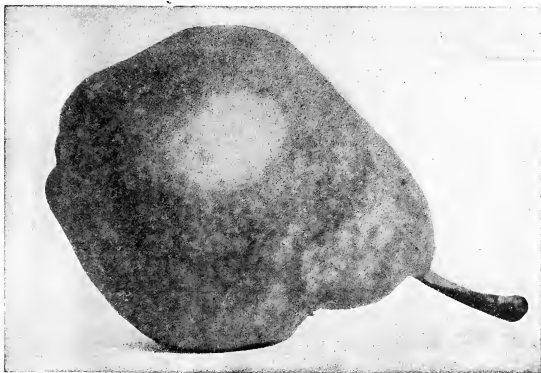
This fruit is growing in popularity since many new hardy and prolific varieties are being introduced. In habit of growth and requirements the pear is similar to the apple. The trees require a rich soil, underlaid with deep, moist clay. The fruit should be gathered before it is fully ripe and stored in a cool, dark place to ripen properly.

### SEASON OF RIPENING

The following select varieties ripen near the order in which they are named:

July and August—Seckel, Bartlett, Duchess, Garber, Kieffer. Our pears are grown on imported French stock. The trees are healthy, free from disease, and we quote at the following prices:

First grade 2-year, 6 to 7 feet.....	\$0.75	\$7.50
	Each	Doz.
3 to 4 feet.....	.35	3.50
4 to 6 feet.....	.50	5.00



Kieffer Pears

**DUCHESSE**—Very large, yellow; flesh white, of rich flavor, juicy, excellent; hardy, vigorous, prolific; very valuable.

**GARBER (Oriental Hybrid)**—Large, of good quality; very vigorous, hardy and prolific; is growing very popular.

**KIEFFER**—Large, yellow, red cheek, oval; flesh white and juicy; valuable for preserves, also for eating when ripened in boxes; tree large, productive and hardy. Most valuable of all pears for Southwest.

**LE CONTE**—Large, yellow, smooth, valuable hybrid; fruit good when ripened well in the shade. July.

**SECKEL**—Tree a moderate grower and less subject to blight than most varieties. Fruit small, rich, yellowish brown and red; rich, fine flavored. August.



## MULBERRIES

The Mulberry is a natural growth in the South. It is a beautiful shade tree and furnishes a pleasant fruit for many weeks. Growers of pigs and poultry find it a profitable tree. We offer a choice selection of the best varieties.

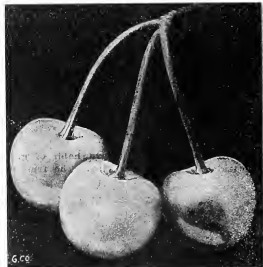
**BLACK ENGLISH**—Very prolific and earlier than the Hicks. 5 to 8 ft., 50c and \$1.00 each.

**HICK'S EVERBEARING**—Tree large, vigorous, hardy, very productive, bearing large quantities of fruit during eight or ten weeks. 50c and \$1.00 each.

## CHERRIES

Only a few varieties of Cherries have been found valuable in the South. These trees appear to do best in dry yards, or other uncultivated grounds.

**EARLY RICHMOND**—Early, dark red, sub-acid; most prolific and hardy of all varieties tested here. 50c and 75c each.



Early Richmond

**NEW CENTURY**—This new cherry seems to be a cross between Morello and the sweet type of cherries; early, large, light red, with good flavor. It is a strong grower; with healthy, vigorous foliage, and for a number of years has borne better in Grayson County, Texas, where it originated, than any other variety. We offer the New Century, believing it to be the best Southwestern Cherry. 50c each; \$5.00 per doz.

## Miscellaneous Trees

### PECANS

This is the richest and most popular of all nuts. It is native, hardy, vigorous and productive. It is comparatively free from insect enemies and diseases. It is in endless variety of size, form, color, thinness of shell and other characteristics. It is subject to endless improvement in quality, increase in quantity, and use in commerce. The millions of wild pecans and hickory trees, whose fruit is poor, or of little value, can be readily converted, by top working, into tree bearing most valuable nuts. Grafted pecan trees give most reliably good results.

Prices of soft shelled Pecans, selected seedlings:

	Each	Doz.	100
2 to 3 feet.....	\$0.35	\$3.00	\$20.00
3 to 4 feet.....	.40	4.00	25.00
4 to 5 feet.....	.50	5.00	30.00

### GRAFTED AND BUDDED PECANS

Wonderful progress is being made in the improvement or selection of pecans. The grading of the characteristics has been reduced to a science, standards of excellence established allowing 100 points the maximum, as to trees, as follows: Productiveness, 40 points; hardness, 20; propagation, 20; toughness, 10; form, 10; total, 100. In the nuts, separation, 30; plumpness, 25; quality, 20; size, 15; form, 5; color, 5; total, 100 points. These fine qualities once secured are maintained with absolute certainty by grafting or budding from these fine trees on seedling stocks. Orchards thus selected and started are an unfailing source of greatest profit and gratification. We have a good stock of the following finest varieties: Stewart, Frotcher, Van Deman, Money-Maker, Pabst, Success and Russell.

Prices of budded and grafted pecans:

	Each	Doz.
2 to 3 feet.....	\$0.75	\$ 8.00
3 to 4 feet.....	\$1.00-\$1.50	10.00
4 to 5 feet.....	1.50- 2.00	15.00

## Shade Trees

Our list includes such trees as have proved the most valuable over a large extent of territory, are easily transplanted, free from depredation of enemies, long-lived, and grow into greatest beauty and value. We especially recommend the Sycamore, Elm, Poplar, Mulberry, Hackberry and Maple.

	Each	Doz.	100
6 to 8 feet.....	\$0.50	\$5.00	\$35.00
8 to 10 feet.....	.75	7.50	50.00
10 to 12 feet.....	1.25	12.00	75.00
12 to 16 feet, extra heavy.....	\$2.50 to 5.00		

If larger trees are wanted, prices will be furnished on application.

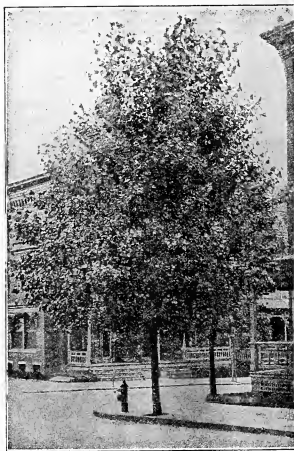
**BOX ELDER**—A rapid growing native tree, with green twigs and soft, brittle, white wood; short-lived.

**CATALPA SPECIOSA**—A beautiful umbrella topped tree, very large leaves and spikes of white and purple flowers.

**ELM, American**—Native; large, spreading, has graceful, drooping branches; unexcelled in grandeur and majesty. Hardy, long-lived; desirable everywhere.

**LOCUST, Black**—Large, of rapid, stately growth; soft, graceful foliage and white, fragrant, pendulous flowers in great abundance.

**MAPLE**—Large, rapid grower; valuable on moist soils and protected locations. Our stock is extra fine in this tree.



Sycamore

## SHADE TREES—Continued

**AMERICAN ELM**—The Long Leaf American Elm is perhaps one of the largest growing, giving more spread than any other shade tree grown, outside of the few native trees in other parts of the country, it is of long life and easy culture.

**MULBERRY**—Native and foreign varieties, are hardy, vigorous, graceful and desirable.

**POPLAR, Carolina**—A large, stately, robust grower; leaves large, glossy green; hardy and valuable.

**SILVER POPLAR**—Rapid-growing, leaves large, green above and white beneath, hardy and valuable everywhere.

**SYCAMORE**—Large, stately, symmetrical, hardy; long-lived; has beautiful white branches and large green leaves. One of the best shade trees everywhere. Our stock cannot be excelled.

**HACKBERRY**—The tree for the South; long life.

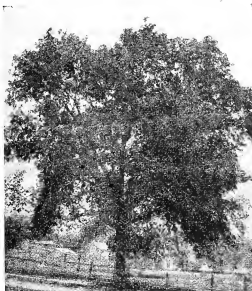
**UMBRELLA TREE (China or Texas Umbrella)**—A rapid grower, with luxuriant, deep green foliage, forming a beautiful canopy top, enduring perfectly till severe frost.

	Each	Doz.
5 to 6 feet.....	\$0.50	\$5.00
6 to 8 feet.....	1.00	10.00

**WILLOW, American Weeping**—A large, rapid grower, of graceful weeping habit, showing greatest beauty in moist locations.

**CATALPA BUNGH**—A beautiful umbrella topped tree, very distinct and striking as well as hardy. Fine for driveways or specimen plants. We bud on a six to seven foot stem.

Price: 2-year heads, \$1.50 each; \$15.00 per doz.

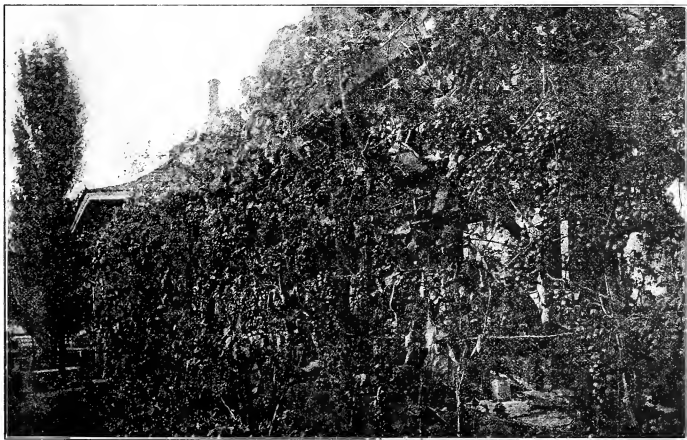


Elm

## Grapes

In commercial and general importance the grape is superior to all other fruits except the apple. A very large number of varieties are in cultivation, many of which are limited in their area of adaptation. As with all other fruits, in selecting varieties the planter should be careful to plant sorts adapted to his section. The following list is adapted to a wide area and will

be found valuable in the South. The cultivation of the grape, so as to produce valuable commercial fruit, is best learned by the aid and advice of a successful grower. The grape is an annual bearer, and, if properly sprayed with Bordeaux Mixture, will mature its fruit with much certainty each year.



Cut of Concord Grapes, 2 Years Old

A large oak will shed fifty gallons of moisture a day. The more trees you plant the more moisture and rain we will have. **PLANT TREES!**

## GRAPES—Continued

## STANDARD GRAPES

We are able to give customers from our rich limestone soil, a root system that is bound to please.

Prices except where noted:

	Each	Doz.	100	500	1000
No. 1, strong 2-year plants.....	.50				
No. 2, 2-year plants .....	\$0.25	\$3.00	\$17.50	\$75.00	\$125.00

**BLACK SPANISH**—Small berry, large clusters; late. Make fine wine; best in Southwest Texas.

**CATAWBA**—Red; table and wine.

**CHAMPION**—Large black.

**CONCORD**—Large, black; standard commercial sort. North. **DELAWARE**—Small, red, tender, very sweet and delicious; hardy and productive.

**HERBEMONT**—Berry small, dark blue, tender; bunch large; vigorous, hardy, productive, extensive and deservedly popular; makes good vines; late.

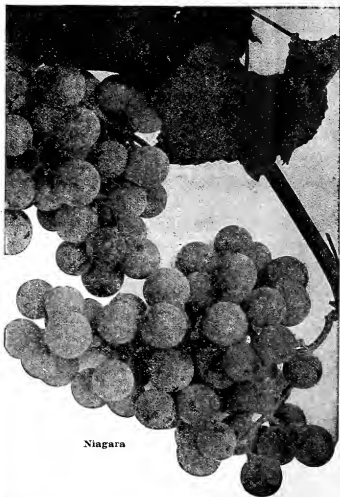
**MOORE'S DIAMOND**—Finest white.



Moore's Diamond

**IVES**—Of medium size, black, pulpy, sweet, hardy, vigorous, productive.

**MOORE'S EARLY**—Large, black with blue bloom; valuable for earliness.



Niagara

**NIAGARA**—Large, white or light yellow; hardy; vigorous; productive; extensive. Very popular.

Prices on other varieties on request.

## Berries

## STRAWBERRIES

**KLONDIKE**—Large, early, best berry for the South and coast country.

**CRISCENT**—Large, bright red; excellent; very productive; pistillate, and should be planted with a staminate variety.

**CAPTAIN JACK**—Large, dark red; of best quality; a hardy, productive, staminate variety.

**EVERBEARING STRAWBERRIES**—A wonderful berry with all where moisture is normal. Fine plants, 75c per doz., \$5.00 per 100.

**EXCELSIOR**—Hardy, vigorous, valuable. Staminate or perfect flowering.

**LADY THOMPSON**—Large, good color, uniform, hardy, valuable. Staminate.

**PARKER EARLY**—Large, long, red, sub-acid; hardy and most prolific; staminate.

	100	1000
Price .....	\$1.50	\$10.00

the good qualities and flavor of a strawberry, but everbearing

What would give you more pleasure than to go into your back yard and garden and pick berries, and at other times, Grapes of the delicious kind? Try our Grapes, Blackberries and Strawberries, and have fresh fruit. Help your Government and yourself by planting fruit and vegetables.



## BERRIES—Continued

## BLACKBERRIES AND DEWBERRIES

The blackberry, like the grape and plum, is native to the soil and will grow anywhere. It is one of the most reliable, wholesome and valuable of all fruits. By planting early and late varieties, a continuous supply can be enjoyed six or eight weeks each season.

You will notice we do not quote berries in lots of less than twenty-five plants of a variety. They are tied in bunches of twenty-five in the fields and can not be broken. Any purchaser needs as many as twenty-five of a variety.

	Per 25	100
McDonald .....	\$3.00	\$5.00
Dallas .....	2.00	5.00
Other varieties .....	2.00	5.00

**DALLAS**—Large, round, of good quality; vigorous, hardy, prolific, extensive. Has proved to be one of the most satisfactory varieties to grow. Native of Dallas, Texas.

**AUSTIN DEWBERRY**—Very large, sub-acid; hardy, vigorous, very productive. Plant is an erect, strong grower, rather than a trailer.

**McDONALD**—Large, tender, juicy, of best quality. Earliest, hardiest, most vigorous and most productive of all berries here. This is a new berry, a cross between the blackberry and dewberry. It is incomparably more productive than any berry fruited here, one plant producing more fruit than a half dozen of any of the older sorts. Twenty quarts of fruit have been gathered from a single plant. Its bright green foliage is held through the hottest summers and is nearly or quite evergreen. Among its admirable qualities is its earliness; the fruit is ripe one week earlier than the Austin or any other good blackberry. Planters here, who have thoroughly tried this berry, would not exchange it for any other. It was discovered in this country near Wiley, Texas. We introduce it with confidence that it will prove a valuable acquisition.



McDonald, the King of Berries

## Climbing Vines

**BOSTON IVY** (*Ampelopsis Veitchii*)—Vigorous creeper, desirable on walls, stumps, fences, etc. 25c.

**CLEMATIS HENRII**—Graceful, with large white flowers. 75c.

**CLEMATIS MAD, EDOUARD ANDRE**—Red. 75c.

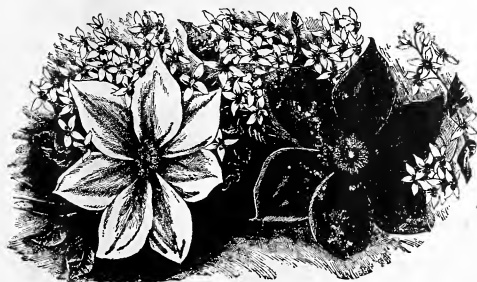
**CLEMATIS PANICULATA**—Hardy, climber. White fragrant, star-shaped flowers. 35c.

**CLEMATIS JACKMANII**—Purple. 75c.

**HONEYSUCKLE**, Hall's Japan—Flowers pure white, changing to yellow; very fragrant; nearly evergreen; hardy and valuable. 25c.

**HONEYSUCKLE**—Beautiful trailing vine, in variety, with fragrant flowers, red, white and yellow. 25c.

**HONEYSUCKLE**, Scarlet Trumpet—Hardy and vigorous. 25c.



Clematis Henrii and Jackmanii

**ANTIGONON LEPTOPUS**, Mountain Rose—A lovely climber from Central Mexico, with beautiful rose-colored flowers in racemes two feet long. The profusion of blooms is such as to give the resemblance of Roses at a distance, hence the Mexican name "Rosa de Montana," or "Mountain Rose." Described by its discoverer as the most beautiful climber he has ever beheld. This is moderately hardy with protection. The vines are killed to the ground by frost, but it quickly shoots up in the spring, and develops its flowers from June till frost. 25c each; \$3.50 per doz.

**WISTARIA**, Purple—A large, strong grower, with long racemes of purple flowers. 25c to 35c.

**WISTARIA**, White—A large, strong grower, with long racemes of white flowers. 25c to 35c.

**ENGLISH IVY**—One of the few evergreens. Clings to any tree or wall, brick or wood. Large plants, 35c; small plants, 15c each.

## Ornamental Flowering Shrubs

In addition to these plants, beautiful hedges, edgings and screens are often made of evergreens, such as Roseale and Golden Arborvitae, also of shrubs, such as Crepe Myrtle, Altheas, Spirea, Tamarix, etc.

**FLOWERING ALMOND**—Beautiful blooms set upon branches in early spring. White and pink. 50c and 75c each.

**FLOWERING PEACH**—A small bush with foliage similar to the peach tree, but the limbs are covered with dainty flowers similar to miniature roses. White and pink. 35c and 50c each.

**FLOWERING WILLOW**—One of the most useful of yard shrubs; flowers all summer; grows to a height of 10 feet. 35c and 50c each.

**HYDRANGEA**—A hardy shrub, producing immense flower heads of white and rose early in the summer. 35c and 50c each.

**JAPAN QUINCE** (*Cidonia Japonica*)—A beautiful shrub for early spring blooming. They produce immense clusters and bright red bell-shaped flowers, before a leaf shows on the plant. 35c and 50c each.

**LILAC**, both White and Purple—An upright, attractive shrub, greatly admired for its profusion of blue and purple fragrant flowers in early spring. A favorite in all sections. 35c and 50c each.

**LESPEDEZA BICOLOR**—Of strong shrubby growth; very attractive because of its dark reddish-purple flowers. A hardy shrub which will stand the heat and drought of summer. Desirable because of its bright attractive coloring. 35c each.

**PRUNUS PISSARDII**—Purple foliage. Double flowers cover the tree before any leaves are out. 50c and 75c each.

**PURPLE FRINGE** (*Smoke Tree*)—A shrub from the south of Europe much admired for its curious hair-like flowers that cover the whole surface of the plant in midsummer. 35c, 50c and 75c each.

**PHILADELPHUS or MOCK ORANGE**—Upright growing, covered with large white fragrant flowers in spring. 35c and 50c each.

**SNOWBALL**—Well-known; the large globes of pure white flowers appear in the spring. 35c and 50c each.

**SPIREA** (*Van Houtte*)—A beautiful shrub, with large panicles of elegant white flowers in spring. 35c and 50c each.

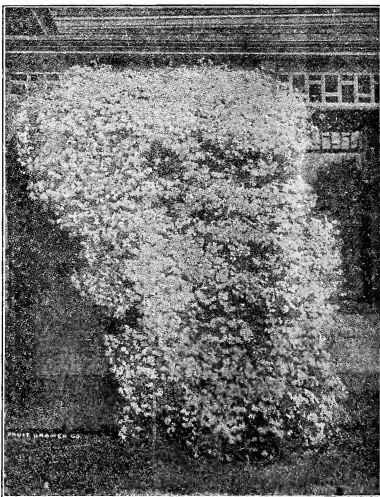
**SPIREA** (*Chinese Blue*)—A new specie of the Spirea that has proven very satisfactory. It makes a beautiful oval growth, and is a mass of blue from August until frost. 35c and 50c each.

**SALVIA HARDY**—A beautiful shrub of recent introduction; flowers a beautiful red, very hardy and flowers from early spring until frost kills the flowers; the leaves stay green all winter. This shrub can be planted in any kind of soil and will stand more drought than any plant we grow. 35c and 50c each.

**TAMARIX**—Tall, graceful, with juniper-like foliage and a great profusion of delicate rosy purple flowers covering the entire surface. A handsome shrub at all seasons. 50c and 75c each.

**TEXAS WEEPING MULBERRY**—A very novel, attractive tree, the limbs naturally weeping to the ground. We graft to six and eight foot stems. This gives a nice height for either single specimens or park rows. 2-year heads, \$1.50 each; large specimens, \$2.50 each.

**WEIGELIA**—Elegant, with fine rose-colored flowers, hardy, and blooms when quite small. One of the most popular and satisfactory shrubs. 35c and 50c each.



*Clematis Paniculata*



A Planting of Assorted Spirea Shrubs

## ORNAMENTAL FLOWERING SHRUBS—Continued



Spirea Van Houtte—See Page 11

**ALTHEA or ROSE OF SHARON**—One of the hardiest shrubs grown and for single specimens or grouping, there is no plant that will give you better results. We grow them in great quantities and can give you plants in assorted colors, white, pink, purple, lavender, variegated. We also handle in double or single flowering. The plants bloom from early summer until autumn. 35c and 50c each.

**BARBERRY THUNBERGH**—A beautiful low-spreading shrub with yellow flowers and thorns to the stems. Often used for hedges, as no animal will go through same, and few over. 35c each.

**BUDDLEIA VARIABILIS**—A shrub not so well known but which stands the heat and drought of summer remarkably well. A strong grower, often attaining a height of 6 to 8 feet. Foliage dark green and very heavy. Throughout the entire summer flowers of violet-purple with orange throat, very fragrant, are borne in long plumes. 35c and 50c.

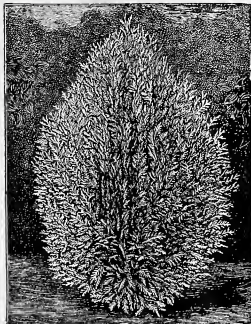
**CREPE MYRTLE**—Few people realize the satisfaction from a planting of Crepe Myrtle. When other plants refuse to bloom you can always find the Crepe Myrtle loaded with a mass of flowers. We grow in quantity the pink and crimson. It is especially attractive for hedging or grouping. 50c and 75c each.

**WHITE CREPE MYRTLE**—50c and 75c each.

**CHASTE TREE**—A valuable small tree with sage-like foliage; especially attractive because of its pale lilac flowers which are produced in long spikes and which last a long time. Will grow where ordinary shrubs fail. 35c and 50c each.

**DEUTZIA**—An upright, thrifty shrub, with a profusion of delicately beautiful white and pink flowers in spring. 35c and 50c each.

## Ornamental Evergreens and Hedge Plants



Rosedale Arborvitae

We grow perfect specimens, and with the increasing demand shall give this line special attention. Note carefully our prices balled in earth and not balled.

Many of the finest known conifers are adapted to growth in the South.

Prices of Evergreens:

	Not Balled	Balled in Earth
	Each	Doz.
1-foot.....	\$0.50	\$ 5.00
2-foot.....	.75	7.50
3-foot.....	1.50	15.00

**ARBORVITAE, Chinese Compacta**—Small, conical, with dense, flat, light green foliage; very beautiful.

**Chinese Golden**—Small, erect; compact foliage; tinted with gold. 1½ to 2 feet, \$2.00 each.

**Rosedale**—An American hybrid, combining the beauty of the arborvitae, juniper and cypress. Erect, compact; has fine soft foliage of beautiful bluish green, similar to that of the Retinospora; hardy, and a most desirable Evergreen.

**DEODORA (Cedrus Deodora)**—The great Cedar of the Himalayan Mountains. A grand, stately tree attaining a height of 50 to 65 feet. Glauous pea-green, branches horizontal and spreading. By far the most striking Evergreen for the South.

Prices, Balled in earth:	Each	Doz.
12 to 18 inches.....	\$0.75	
18 to 24 inches.....	1.50	\$15.00
2 to 3 feet.....	2.50	24.00
4 to 5 feet.....	5.00	

Large specimens, 6 to 10 feet, each, \$7.50 to \$10.00

**CAPE JASMINE**—A beautiful Southern shrub, with glossy leaves; the white buds and flowers are most beautiful and fragrant. Nice Pot Plants, 25c each; Large Field Grown Plants, 50c each.

**MAGNOLIA (Grandiflora)**—Native to southern Texas. Queen of all trees; has large, heavy, bright green foliage and immense white flowers of great beauty and fragrance. 1 to 2 ft., 50c; 2 to 3 ft., \$1.75; 3 to 4 ft., \$1.50. Large specimen plants, balled, \$5.00, \$7.50 and \$10.00.

**HEDGE PLANTS**—We only quote three varieties as desirable for the South and Southwest.

	100
California Privet, 18 to 24 inches.....	\$ 3.00
California Privet, 2 to 3 feet.....	4.00
Euonymus Japonica, 12 to 18 inches.....	25.00
Euonymus Japonica, 18 to 24 inches.....	35.00
Euonymus Japonica, 2 to 3 feet.....	60.00

**AMOR RIVER PRIVET**—This is a hardy evergreen in the South. Leaves dark shining green, which remain beautiful throughout the year. Dainty white flowers in June followed by black berries. 35c each; \$3.50 per doz. 18-inch, \$15.00 per 100; 24-inch, \$25.00 per 100; 36-inch, \$35.00 per 100.

**LIGUSTRUM JAPONICUM**—A beautiful ornamental tree with broad, dark green leaves, bearing panicles of white flowers followed by purple berries. This tree is grown in bush form but can be trimmed into symmetrical shape in tree form. We can furnish either the bush or tree form. 35c and 50c each; \$3.00 to \$5.00 per dozen.

**ABELIA GRANDIFLORA**—An evergreen shrub of dwarf but graceful growth; beautiful, bright, shining, green leaves which assume a metallic hue in winter. From early summer until frost the bush bears in profusion clusters of fragrant, small trumpet-shaped flowers tinted outside with pink and waxy white within. Beautiful as a single specimen or in massed plantings. 50c and 75c each, balled; large bushy plants. \$1.50 to \$2.50 each.

## Roses

**FIELD GROWN ROSES** can not be had after March 15th. **Time to plant all Field Roses, Shrubs and Trees: November 20th to March 1st.** **Small Pot Roses** can not be had before January 1st. **Time to plant: January 1st to May 1st.**

**FRANCIS SCOTT KEY**—"The rose for every garden of every American home." "Named in honor of the writer of the Star Spangled Banner." (Summer blooming, hardy with protection.) The new American Rose, Francis Scott Key, which we illustrate in colors on the front cover of our catalog for this season is a dazzling, imperious, globular Rose of gigantic size. In this new Rose we find the embodiment of a perfect bloom combining size, form and color, the attributes of all exhibition flowers. This new American Rose produces intensely black grain scarlet-crimson blooms on strong shoots of sturdy erect growth, embellished with a foliage of the deepest green. The Rose is deliciously perfumed. In growth it is strong, vigorous and free branching, with large and handsome foliage. Beautiful as are the hundreds at present in cultivation—no real varieties—for every purpose, the new American Rose, Francis Scott Key, is the most outstanding and represents the greatest efforts in American Hybridizing, possessing as it does in the superlative degree all the good qualities an American ever-blooming garden Rose should have. It should be of considerable interest to all and most gratifying that we should have such a wonderful Rose named in honor of the writer of The Star Spangled Banner. Francis Scott Key is the Rose for every American home and should be planted in every garden. **Nice pot plants only 25c each. Field roses, 2 years old, 50c each.**

**SUNBURST**—Best yellow to date, full long bud and double, free bloom. **Field Grown, 50c each; Pot Roses, 20c each.**

**GENERAL McARTHUR**—One of the very best red bedding Roses. General McArthur is as fragrant as a Rose can be; has good sized flowers and blooms continuously. The bud, when first opening, is the brightest crimson-scarlet and the flower retains this perfect coloring until it drops its petals. Blooms continuously the whole season through and gives fine stems for cutting. Its habit of growth is remarkably good, making strong, shapely plants that may be depended on for large flower shoots. A great favorite. **Price, one-year-old plants, 15c each; two-year-old plants, 50c each.**

**MADAME JULES GROLEZ** (Red Kaiserin Augusta Victoria)—One of the very best of the new Roses, and one that has so many good qualities that we are quite certain it will find a place in the garden of every flower lover. It has been thoroughly tested by us and we have formed such a high opinion of it that, this year, we have grown an unusually large stock in order to give this Rose the widest possible distribution. Madame Jules Grolez is an exceedingly free-blooming variety, with very large, finely formed flowers. The color is distinct and charming



Francis Scott Key

shade of cherry-red. The fine form and attractive shape of the flowers make them excellent for cutting. Like Kaiserin Augusta Victoria, Mad. Jules Grolez is a Rose of great value for open-ground culture. It is a remarkably strong growing variety, as hardy as the Hybrid Perpetuals, free-flowering and in every way excellent. **Price, one-year-old plants, 15c each; two-year-old plants, 50c each.**

## MOSTLY NEW ROSES

Now, that have been tested and found good for this climate. Don't fail to try one of each.

**MI-LADY**—A cross between "Richmond" and "J. B. Clark." Color similar to "Richmond." Large, full, well-formed flowers carried on stiff, erect stems. Very fragrant and a fine keeper. Has jumped into popularity as a forcing Rose, but is, we think, more suited as a garden Rose. **Pot Roses, price, 25c each; Field Plants, 50c each.**

**HADLEY** (Montgomery Co., 1914)—Hadley is a development from a line of seedlings raised by Alex. Montgomery, Jr., the varieties used in this development being Liberty, General McArthur and Richmond. In color it is a deep velvety crimson, retaining its brilliancy at all seasons of the year. The variety is double and buds are well formed. The fragrance is excellent only by American Beauty. It is strong, rapid grower and the flowers are borne on long, stiff stems. It has proven itself under thorough trial to be an all-the-year-round forcing variety. **20c each.**

**LADY BILLINGDON**—At the Detroit Rose show in January, 1915, this was awarded the sweepstakes over all yellow Roses. It has long willowy stems that are in no sense weak, as the buds are held upright; has a long slender pointed bud of brilliant deep golden-yellow. Awarded gold medal. **Pot Roses, price, 25c each; Field Plants, 50c each.**

**ANTOINE RIVOIRE**—A handsome Rose with large, full Camella-shaped flowers. Color rosy-flesh on a yellow ground, shaded with a border of carmine. **Pot Roses only, price, 20c each; 2-year-old, 50c each.**

**MRS. AARON WARD**—One of the most delightful Roses of recent years in a color that catches the eye at once. Coppery-orange in the open bud, golden-orange when partly developed, pinkish fawn of lovely shade when fully open, when it looks like a full fluffy silk rosette. **Pot Roses, price, 25c each; Field Plants, 50c each.**

**RENA ROBBINS** ("Pure White with Golden Heart")—Summer blooming, hardy with protection. Pure white with golden heart; flowers large and finely formed. Bedded out, this Rose is a bouquet of bloom throughout the season. **Nice strong 1-year plants, 20c each; 2-year, 50c each.**

**JONKHEER J. L. MOCK**—This grand Rose is the strongest growing in the Hybrid 20 class. The blooms, which are produced with the greatest freedom, are carried on stiff and erect

stems and are of the largest size, of perfect formation and highly perfumed. Color clear imperial-pink; a glorious flower. Awarded two gold medals, one silver medal and five first prizes



Madame Jules Grolez

in Europe. We can confidently recommend this sterling novelty as a most valuable addition. **Pot Roses, 25c each; Field Plants, 50c each.**

**MRS. CHARLES RUSSELL**—This wonderful new American Rose has taken the country by storm. No other forcing Rose except "American Beauty" can compete with it when it comes to counting points. Stems three feet long, stiff and surmounted by grand rosy-pink blooms of the largest size and build. Keep your eye on this Rose. **Pot Roses, price, 25c each; Field Plants, 50c each.**



## ROSES—Continued

**MRS. GEORGE SHAWYER**—This is one of the newer varieties introduced by the growers of Lady Hillingdon. We have not seen a Rose that has met with such universal appreciation by both the amateur and professional grower, and has won awards in almost every place shown since it was introduced, both in



Mrs. Geo. Shawyer

this country and Europe. The color is one very hard to describe, being a shade of brilliant clear rose or bright peach-pink. It is a wonderful grower and bloomer, producing great numbers of strong shoots, each shoot tipped with a bud. The flowers are very large, well formed and full, petals of good substance. A very fine garden Rose, as well as a forcing Rose. Price, one-year-old plants, 25c each; two-year-old plants, 50c each.

**WELLESLEY** ("As Fine as a Rose Can Be")—Wellesley is a Hybrid Tea Rose, as fine as a Rose can be; has good-sized flowers and blooms continuously. The bud, when first opening, is a beautiful shade of bright pink and the flower retains this perfect coloring until it drops its petals. Blooms continuously the whole season through, and gives fine stems for cutting. Will stand the winters any place south of the Ohio River, but north of that line it should be protected. Price, 15c each; two-year-old plants, 50c each.

**SENATEUR MASCURAND**—An amber yellow Hybrid Tea Rose, the center of the bloom resembling the color of the yolk of an egg, toning to high sulphur yellow. Large, full, globular blooms. A strong, healthy grower and very free bloomer. Blooms of large, perfect shape. This is a much better garden Rose than Mrs. Aaron Ward. Perfectly hardy. Price, one-year-old plants, 20c each; two-year-old plants, 50c each.

**MY MARYLAND**—One of the pink Roses that is of a clear pink color throughout. Flowers are borne on long stiff stems and a beautiful long bud always opens; never blights. Pot Roses, 15c each; Field Roses, 35c each.

**MAD. DE WATTEVILLE**—The Tulip Rose. The color is a magnificent shade of creamy yellow, richly colored with rosy blush; the large petals are bordered with bright crimson, giving it a very striking and beautiful appearance. Price, one-year-old plants, 15c each; two-year-old plants, 35c each.

**MADAME SEGOND WEBER**—One of the grandest novelties of recent years; everybody is talking about it, and the more one knows of this wonderful Rose the more he will talk about it, and what is of real value, every bit of talk about Mme. Segond Weber is in praise of her. Rosy-salmon or flesh-pink in color, of the general type and color of "My Maryland." The bud is long and pointed, opening into enormous blooms, which deepen

its color until fully expanded, when it is as impressive as an "American Beauty." The texture of the Rose is very thick and heavy and the form of the petals peculiarly beautiful. A great garden Rose. Price, one-year-old plants, 15c each; two-year-old plants, 50c each.

**WHITE AMERICAN BEAUTY** or **FRAU KARL DRUSCHKE**—The largest and finest white Rose; stems heavy, foliage large and green. Pot Plants, 15c each; 2-year Field Roses, 50c each.

**PRESIDENT TAFT** (H. T.)—There have been two Roses sent out under this name, a red variety from Europe without merit, and the one we here describe. This Rose was raised in Cincinnati, the home of President Taft, and let us say right here, while some of you may not admire the ex-president himself, you will, one and all, admire the Rose given his name. It is without question the most remarkable of all pink roses. It has a shining, intense, deep pink color, possessed by no other rose. It is a shining grower, free bloomer, good size and form, fragrant, and is in a class by itself as to color. Our Mr. Frank Good, who is probably familiar with more Roses than any man in America, says: "Talk all you want to here about the Rose, President Taft, and then you will not say enough." Field Roses, 50c each; Fine Pot Roses, 15c each.

**FREIHERR VON MARSHALL** (Tea)—As an outdoor Rose it has no superior. The flowers are large, beautifully shaped, double and full, borne in wonderful profusion all through the growing season. It is bright red, one of the brightest, if not the very best red Tea Rose in existence; fine long, well-shaped bud. Fine Pot Roses, 15c each; 2-year Field Roses, select 50c.

**OPHELIA** ("The Most Beautiful Rose of a Century")—Summer blooming, hardy with protection. Ophelia as described by the introducers is the most beautiful Rose of the century. It was raised by Wm. Paul & Sons, the celebrated English Rose growers, and when recommending this Rose as a greenhouse cut flower Rose they say that it is a fine exhibition garden variety and of excellent outdoor habit. The color is salmon-flesh, shaded with rose. The blooms are carried high on good stiff stems and are well shaped. It is strongly and delicately perfumed, resembling the crimson cut flower Rose, Richmond, in this respect. The habit of growth is bushy and free branching, and the variety produces blooms freely. We offer nice plants at 25c each; 2-year plants, 50c each.

**HOOSIER BEAUTY**—A grand new Rose and one that will have many admirers. The flowers are a glowing crimson, with darker shadings which make its beauty indescribable. It is very fragrant and the flowers are produced on long, strong, stiff stems. The flowers have a texture like velvet. This Rose is very free flowering. The bush is remarkably vigorous and sturdy in growth, one somewhat of the character of the Hybrid Perpetuals. Pot Plants only 25c each; 2-year old, 50c each.

**RHEA REID**—This is the new red forcing Rose originated by E. G. Hill. Flower large and double; very free blooming and exquisitely fragrant; rich, dark, velvety red. A grand Rose. Fine Pot Roses, 15c each; Field Roses, 35c each.

**WHITE KILLARNEY**—The same in shape and form as Pink Killarney, only a pure white; buds long and pointed; petals very large, making a very large Rose when open; a free bloomer and strong, healthy grower. Pot Roses, 15c each; Field Roses, 35c.

**KILLARNEY**—The color is an exquisite shade of deep shell pink. It is free in growth, strong and heavy shoots which are crowned with buds. Field Roses, 35c each; Pot Roses, 15c each.

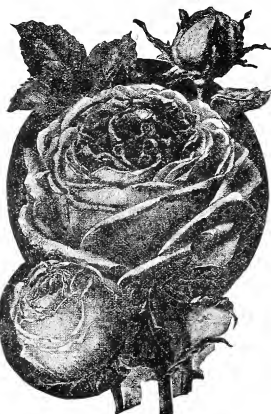
**WM. R. SMITH, or MAIDEN BLUSH**—Have you ever seen the blush of a beautiful maiden? If so, you will readily understand why this Rose has been so named. The soft blending of the salmon-pinks and the rose-pinks and the beautiful flesh tints in this Rose give a singular resemblance to the entrancing flush on a maiden's cheek. Grown by Shelton, the noted Philadelphia florist; a grand garden Rose. Pot Plants, 15c each; Field Roses, 35c each.

**HELEN GOULD**—This is a true Cochet Rose and after two years' trial in the garden we pronounce it as good or better than any Rose sent out. The color is a delicate yellow, suffused with pink, each petal edged deeper; very chaste and beautiful. The color, with its immense size and exquisite form, makes it without question the grandest Tea Rose ever introduced. Pot Plants, 15c each; Field Roses, 35c each.

**LA DETROIT**—The new Detroit Rose, which has been so largely advertised and exhibited. Shell-pink, shading to soft rose, reverse of petals cream-colored, fragrance like that of old E. G. Silence. In form it is large, cup-shaped; petals shell-like, rich glossy foliage; a rampant, vigorous grower, making fine plants and is unexcelled for cutting. Field Roses, 35c each; Pot Plants, 15c each.

## ROSES—Continued

**RADIANCE**—In this variety we have an absolutely distinct and magnificent Rose of the highest excellence. It is a strong, vigorous grower, of free and erect branching habit, with very large and massive dark green foliage. Flowers very large and massive, of a lovely glowing pink color, distinctly shaded to white at base of the petals. The outer petals are shell shaped and extremely large, giving a half opened flower of great spread. This is a fine American pedigreed sort. A fine garden Rose. Price, one-year-old plants, 25c each; two-year-old plants, 50c each.



American Beauty

**AMERICAN BEAUTY**—This first of all on the list is without doubt the American Beauty, the largest and best, the healthiest grower, the finest flower and the most fragrant of Roses. We have alone thousands of this one kind, as there is such a demand for them that we always sold out before the season was over. Our stock consists of fine three-year-old plants at 50c each; small plants in pots, 35c each.

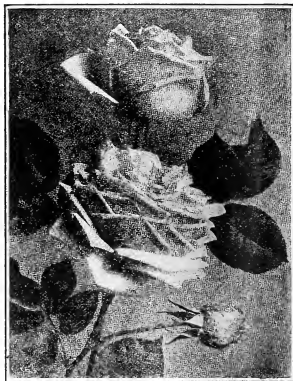
**MADAM LEON PAIN**—Robust growth, smooth wood, handsome plum-colored foliage, flowers large, full and free in opening; silvery-salmon, center orange-yellow, reverse, bright red and yellow. In our gardens the past summer it has at all times been a grand sight, bearing a great profusion of exceedingly large, brilliant Roses. Field Roses, 35c each; Pot Roses, 15c each.

**MRS. BENJAMIN R. CANT**—A splendid new garden Rose of round, full form and solid color; clear, bright, rosy-pink, large size, double and full, and quite fragrant. The most vigorous grower of all Tea Roses. It is an excellent garden Rose—has come to stay. Field Roses, 35c each; Pot Roses, 15c each.

**ORLEANS (An Improved Baby Rambler)**—The color is irresistible, being deep cerise or geranium pink with distinct showy center of pure white. This Rose has taken Europe by storm. Nice strong one-year-old plants, 20c each.

**RICHMOND**—This is unquestionably the best of the dark Roses; color a rich, glowing scarlet of the Liberty type, but has a larger stem and a more profuse bloomer; the buds are long and pointed; very handsome and a better red than Meteor. Field Roses, 35c each; Pot Roses, 15c each.

**ETOILE DE FRANCE**—It is a strong, vigorous grower with good dark foliage and its large flowers which are full and double and of beautiful form both in the buds as well as full



White American Beauty

bloom; flowers are borne on strong upright shoots in the greatest profusion. In color it is distinct from all Roses of its class, being of a rich, velvety crimson, with vivid cerise red center. Field Roses, 35c each; Pot Roses, 15c each.

## STANDARD ROSES

All Roses under this heading are for extra select plants, 2 and 3 years old, 35c each; \$4.00 per doz.; Fine Pot Roses, 10c each; \$1.00 per doz. If by mail, 10c extra per doz.

**WHITE MALMAISON**—Same as Souvenir de la Malmaison, only it being pure white.



Kaiserin Augusta Victoria

**KAISERIN AUGUSTA VICTORIA (A Hybrid Tea Rose)**—Soft, pearly white, lightly tinted with lemon in the center, remarkably fragrant; a strong, healthy grower, with beautiful foliage. The flowers are borne on long stems. This is the best white Rose for outdoor planting, as it gives more flowers than any we ever knew.

**MADAME WELCHE**—Soft amber yellow of largest size; extra.

## ROSES—Continued

**CLOTHILDE SOUPERT**—This grand Rose continues to be one of the best and most beautiful varieties for bedding ever introduced. Flowers are deliciously sweet; color beautiful creamy-white, tinged with amber.

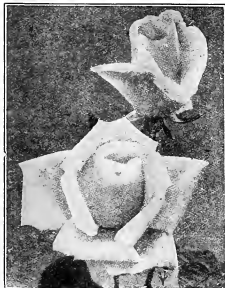


White Cochet

**GRUSS AN TEPLITZ (Hybrid Tea)**—As a bedding Rose this is one of the finest and most useful varieties ever sent out. Many of our customers who bought it last spring are realizing its value and singing its praises. Brightest scarlet, shading to deep, rich, velvety crimson. It is very fragrant. The freest grower.

**PINK LA FRANCE**—The flowers are very large, double, delightfully fragrant, light silvery pink; blooms continuously throughout the season and stands first among the Roses for our climate.

**WHITE LA FRANCE**—Pearly white, shading to rose; like La France in other characteristics.



**RED LA FRANCE (Duchess of Albany)**—Retains all the characteristics of the type, with the blooms three to four shades darker, of a deep carmine pink hue.

**METEOR**—Meteor is a remarkably rich, dark velvety crimson Rose; so dark, indeed that under certain conditions it is blackish crimson. It is a constant and profuse bloomer, very vigorous and healthy in growth.

**MRS. ROBERT GARRETT**—It is a difficult matter to describe the coloring of a Rose; much of the coloring is due to its form and its semi-transparency, and is generated, as it were, within the Rose itself. A shallow Rose cannot have the beautiful color effect seen in a Rose like Mrs. Robert Garrett, which is of remarkable depth, even in the fully opened flower.

**MADAME ABEL CHATENAY (Hybrid Tea)**—Good grower, fine in bud and flower; large and full. Petals recurved and of a beautiful creamy rose, tinged with salmon. A wonderfully bright and pretty Rose. Splendid for forcing.

**WHITE MAMAN COCHET**—A pure white, hardy, ever-blooming Rose and one of the most valuable in the entire list. For size, hardiness, vigor, profusion of blooms, it is unsurpassed. A superb summer Rose for cut flowers.

**PINK MAMAN COCHET**—The growth is free and vigorous, very free blooming; flowers of splendid substance are a delightful shade of deep pink. The buds, long and pointed, full and firm, lasting a long time when cut.

**PERLE DES JARDINS**—No Rose of its color is more valuable than this. Its color is a rich shade of yellow, large size and perfect form. Tea fragrance, a healthy, free grower.

**PAPA GONTIER**—Prilliant carmine changing to pale rose; reverse of petals furnish purplish red; large; very popular on account of the size and beautiful form of its buds.

**SOUVENIR DE LA MALMAISON**—One of the choicest Roses we offer and one that will give entire satisfaction for garden or pot culture. The color is a creamy flesh, bright and clear.

**SOUVENIR DE PRESIDENT CARNOT**—One of the latest French additions, a Tea Rose of strong growth; leaves unusually large and handsome; flowers very large, double and exquisitely shaped; color, rosy blush, darker at centers; deliciously fragrant; very free bloomer; quite hardy.

**SOUVENIR DE PIERRE NOTTING (Tea)**—The bloom is very large, perfectly full, of elegant form—has beautiful, long bud; the colors are very bright, distinct and clear, and have no unpleasant tones—light peach color, shaded a creamy white, bordered in carmine rose. Promises to prove very popular. Has received not less than six gold medals and prizes. This is a fine new Rose. 15c.

**VISCOUNTESS FOLKSTONE**—This is without doubt the largest light pink Rose grown, a strong and vigorous grower, flowers very large and double; often called Giant La France, or Cabbage Rose.

**SAFRANO**—Valued very highly for its beautiful buds and handsome flowers. The color is a bright apricot-yellow, passing to orange and fawn, sometimes tinted with rose. A splendid old-time Rose that has never been replaced by any newcomer of its class or color. It is a variety especially adapted to outdoor planting; vigorous, healthy; blooms all summer. Price, 10c each; two-year-old plants, 35c each.

**NEW ROSE, BESSIE BROWN**—This new Rose is of the Hybrid Tea class and will stand first if slightly protected. Blooms are of enormous size, of heavy substance and are perfect in shape, lasting splendidly when cut. The color is a delicate light pink. A fine strong, free grower, producing long stems, well clothed in foliage quite up to the flower.

**SOUVENIR DE WOOTEN (Hybrid Tea)**—Forcing. Color, velvety red, equal to Jacqueminot. It is a double Rose and is good in bud, half-open, or fully expanded. Full, open flowers frequently six inches in diameter. A most excellent Rose.

**THE BRIDE**—"The Bride" is a pure white Rose of large size and most perfect form. It has delicious Tea fragrance, a strong growing, free blooming Rose.

**BRIDESMAID**—Another Rose of American origin, a "sport" from C. Mermet, and possessing all the good qualities of the parent variety. It surpasses it in color, being a deep brilliant pink and constant bloomer under all conditions.

**CLARA WATSON**—This is one of the most beautiful winter blooming Roses, of the largest size, very fragrant and fine form. The predominating color is salmon-pink, blended with blush pink on the outer edges of the petals, with just enough yellow at the base to bring out the whole, making it very strong and very free flowering and must become a general favorite. It is also a grand summer bedding Rose; good strong grower, fine substance and free bloomer.

**ETOILE DE LYON**—One of the best and most beautiful yellow Tea Roses for general planting; may be had in bloom the entire year by proper treatment. The flowers are of good size, deep, full, very sweet-scented, rich, golden yellow.

If you want Beautiful Roses, large plants and blooming stock, then buy a lot of the "Lang Quality;" they will be a joy forever.

## ROSES—Continued

Thousand Beauty



Dorothy Perkins

## CLIMBING ROSES

ALL FIELD-GROWN CLIMBING ROSES, 50c EACH; POT ROSES, 15c, EXCEPT WHERE NOTED.

**CLIMBING BRIDESMAID**—What Bridesmaid is to the garden this Rose is to the higher planes, where it decks the airy heights with a wonderful profusion of clear, deep pink flowers.

**CLIMBING AMERICAN BEAUTY**—A seedling from American Beauty with Wichuriana and Tea blood in its veins. Same color, size and fragrance as American Beauty, with the addition of the climbing habit; good foliage and better blooming qualities. One plant of this new Rose will produce twenty times as many flowers in June as the old American Beauty, besides blooming occasionally during the summer; blooms 3 to 4 inches across; has proved perfectly hardy and stands heat and drought as well as any Rose in our collection. Pot Plants, 20c each. Fancy large plants, 75c each.

**MARECHAL NEIL**—The immense size, dark, golden-yellow color of Marechal Neil, is familiar to all. Peerless in color, unexcelled for size, perfect in form, after more than a quarter of a century it still remains the ideal climbing Tea Rose. Large fine plants, 75c each; Pot Roses, 20c each.

**CLIMBING MALMAISON**—A sport from the well-known Souvenir de la Malmaison. Similar in flower and foliage to its parent, but of exceedingly robust climbing habit.

**CLIMBING KAISERIN AUGUSTA VICTORIA**—The first white, hardy, ever-blooming climber. The flowers are extra large, deep, double, of excellent substance and are produced on long, stiff stems, like a forcing rose. The buds are long and pointed; the fragrance is delicious. Blooms continuously the first year. This variety is the same as Mrs. Robert Perry.

**CLIMBING GRUSS AN TEPLITZ**—A climbing form of Gruss an Teplitz. Unquestionably one of the finest climbing Roses ever introduced. The color when first opening is very dark rich crimson, quickly changing to bright scarlet, shading to velvety fiery red. The flowers are very showy and handsome. Remarkably healthy and vigorous; almost immune from all diseases. Price, one-year-old plants, 20c each; two-year-old plants, 50c each.

**REINE MARE HENRIETTA**—Cherry red, a beautiful lively shade. Buds long and pointed.

**CLIMBING WOOTEN**—A fine, large double flower of bright cherry crimson. A beautiful free-blooming Rose that is completely covered with blooms the entire season.

**CLIMBING METEOR**—The finest crimson ever-blooming climbing Rose. It is a rich, velvety crimson, much like the forcing Rose, of which it is a sport.

## ABUTILON

**GOLDEN BELLS**—Bright, golden-yellow flowers of strong, vigorous habit and very free-flowering. The finest yellow variety on the market. 10c each.

**SOUV. DE BONN**—Grand green and silver variety. Fine for decoration, for edging canna beds and for veranda boxes. Extra large long-stemmed orange flowers. 40c each.

**ECLIPSE**—Always in great demand for baskets and vases. One of the finest variegated foliage plants, beautifully marked dark green and yellow. Flowers bright yellow, with crimson throat. Has quite a distinct training habit. 10c each.

**CLIMBING CLOTHILDE SOUPERT**—A rapid growing, climbing sport from C. Soupert, identical in foliage, form of flowering and color. A splendid ever-bloomer.

**RUTH VESTAL (Climbing Bride)**—A strong and vigorous grower and true ever-bloomer. Pure snow-white buds and flowers are of the largest size and perfect form. Exceedingly fragrant.

**CLIMBING PERLE DES JARDINS**—Outside of Marechal Neil the finest yellow climbing Rose in existence. Flower large, double and very fragrant; a fine foliage of a reddish color. Pot Plants only, 25c each.

## HYBRID PERPETUAL

ALL UNDER THIS HEAD 50c EACH. FINE PLANTS.

**CHAS. WOOD**—The largest of red Roses, long stem, flowers of a brilliant red, very fragrant. Pot Roses, 15c each.

**PAUL NEYRON**—The largest flowering Rose in cultivation and one of the freest blooming; color, deep, clear Rose; very fresh and attractive; an exceptionally good grower, making straight shoots 4 to 5 feet high in one season, each shoot tipped with an immense flower, often 5 inches in diameter. Pot Roses, 15c each.

**GENERAL JACQUEMINOT**—Rich, velvety crimson; magnificent in bud state when open. Pot Roses, 15c each.

**MRS. JOHN LAING**—Delicate pink, large, fine form; very fragrant; flowers continuously in the open ground. Pot Roses, 15c each.

## EXCELSA

**THE RED DOROTHY PERKINS**—(Hardy June Blooming.) A distinct variety in form, color and habit. The color is an intense crimson-maroon, with tips of the petals tinged scarlet. Flowers are large and double, produced thirty to forty on a stem. Price, 15c each; large 3-year-old plants, 50c each.

**DOROTHY PERKINS**—A beautiful shell-pink; foliage finer, smoother and darker than any Climbing Rose we grow. When in bloom it is the admiration of everybody. In greatest demand now. Pot Plants, 15c each; Field Grown Plants, 50c each.

**TAUSENDCHRON, or THOUSAND BEAUTY**—A climbing Rose that comes to us from Germany. The flowers upon first opening are the most delicate shade of pink ever seen in a Rose, might be described as a white delicately flushed pink changing to rosy-carmine. It gets its name from its many flowers and the variation in coloring; beautiful; will become as famous as Crispin Rambler or Dorothy Perkins. We wrote the above a year ago, and now we can add that this Rose is sweeping the country like a prairie fire. You can word paint all you want to and then you will have left something unsaid. Simply a wonder. Pot Roses, 15c each; Field Grown Plants, 50c each.

## House and Yard Plants

## ACALPHIA SANDERIA

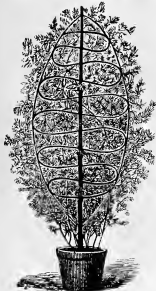
One of the most striking flowering ornamental plants we have ever seen. It is of strong, free growth, with large dark green leaves, from each axil of which thick, rope-like spikes of velvety crimson flowers are gracefully suspended. Price, 15c each. Finest yard plant grown. Ready January 1st to April 15th.

**TRIUMPHANS**—Very bright, ovate-pointed leaves, light red, shaded and marbled darker. A fine ornamental plant for bedding or pot culture, as shown as Coleus; its colors are bright and distinct. 10c each; \$1.00 per doz.



## ASPARAGUS PLUMOSUS NANUS

**PLUMOSUS NANUS**—(See cut). A beautiful climbing plant, with bright green, graceful arched foliage, surpassing Maiden-hair Ferns in grace, delicacy of texture and richness of color. The fronds are 12 to 15 inches long and taper to a point from a width of 12 inches. One of the most beautiful decorative plants. Nice plants, 15c and 25c each; large size, 50c and \$1.00 each.



*Asparagus Plumosus*

**SPRENGERI**—Especially useful to grow as a pot plant for decorative purposes, for planting in ferneries or suspended in baskets. It grows freely the whole year and makes an excellent house plant. A vigorous grower, producing sprays 4 to 5 feet long of fresh green, feathery foliage. Useful for bouquets, wreaths or sprays, remaining perfect for weeks after cutting. Strong plants, 15c and 25c each; large, 50c to \$1.50 each.

## ARAUCARIA EXCELSA



*ARAUCARIA EXCELSA.*

This beautiful plant resembles the pine somewhat, though much finer in texture. It is particularly adapted to table decoration and most unique in appearance, the branches being arranged in neat symmetrical whorls. Plants 18 to 20 inches high, with 3 to 4 whorls, by express, \$1.50 each. Express only.

## ALTERNANTHERA

Beautiful dwarf plants of a compact habit, growing about six inches high, and admirably adapted for edging flower beds. A plant for the hot summer places.

**AUREA NANA**—Bright golden yellow, holding its color well the entire season. 40c per doz.; \$5.00 per 100.

**AMOENA SPECTABILIS**—Crimson pink and brown; the finest and brightest. 40c per doz.; \$5.00 per 100. Plant outdoors after April 15.

## ALYSSUM SWEET

**DOUBLE WHITE**—Very pretty and dainty; fine for window and porch boxes, hanging baskets and flower beds. 5c each; 50c per doz.

## ARTILLERY PLANT

A pretty little plant of drooping habit, resembling the Fern; it is a fine basket plant. 5c each.

## BANANA PLANT

Nice strong roots of this beautiful plant will make a growth of 6 to 10 feet first year. 50c each; larger plants, \$1.00 each. Express only.

## BEGONIAS

10c each; \$1.00 per doz., except where otherwise noted; large plants, 25c and 50c each. Ready January 1st to July 1st. If wanted by mail add 3c each or 25c per doz.

**ARGENTA GUTTATA**—Has the silvery-leaf blotches of Alba Picta with the form and beauty of Rubra; purple-bronze leaves, oblong with silvery markings; flowers white on the tips of the stems.

**ERFORDIA**—Has all the good qualities of the famous bedders, Vernon and Dewdrop. It will stand the strong sun in summer, and is one mass of blooms from June until frost. It is also a very showy pot-plant, color deep, rosy pink.

**FEASTI**—(Beefsteak Begonia). A low-spreading Begonia, with perfectly circular leaves, red beneath and dark, glossy, olive green above, pink flowers set up on long stems; very easy to grow; the best Begonia we grow. 15c each; larger plants, 25c and 50c each.

**PRESIDENT CARNOT**—A remarkably strong-growing variety of stiff, upright habit, somewhat in style of Begonia Rubra, but much larger in flower and leaf. Flowers beautiful coral red in large pendant panicles. 15c each.

**RUBRA**—Dark, glossy green leaves; free-flowering; flowers rich, coral red in large pendant panicles. One of the best.



*Alaba Picta*

**ALBA PICTA**—(See cut). Very ornamental; has long ear-shaped, medium-sized leaves of darkest green, with silvery spots.

## BEGONIAS—Continued

**VERNON**—Of unusual merit as a bedding sort, flowering as freely when planted out as when grown in a pot. It begins flowering when first planted and continues until stopped by frost. Foliage rich, glossy green, often shaded with deep bronze. The flowers on first opening are deep red, changing to a beautiful clear rose when fully open. Thrives everywhere.

**BEGONIA GRACILIS LUMINOSA**—Foliage resembles a little that grand old variety, Vernon. Rich glossy green, often shaded deep bronze. The flowers, when first opening, are a bright cherry, changing to a clear coral-red. 15c each.



Rex Begonia

**REX**—(Painted Leaf Begonia. See cut). These are grown for their handsome variegated foliage. For house culture, baskets, vases, etc., there is nothing more beautiful. We have a fine assortment. 25c each; large plants, 50c each.

## BOUGAINVILLEA



Bougainvillea glabra Sanderiana

**SANDERIANA**—Most desirable plant for conservatory or window-garden. They are of strong, rapid growth and produce their lovely, brilliant, rosy crimson flowers from early in March until mid-summer. With extra care and attention they will bloom the greater part of the year. 25c each.

## CANNAS

The most desirable bedding plant for the American garden. Give rich soil and abundance of water when the plants are in full bloom. Strong plants, 10c each, \$1.00 per doz. Fine roots ready December 1st to May 1st. If wanted by mail, add 15c per doz.

**ALPHONSE BOUVIER**—Bright crimson, flower-spikes, two or three to a stalk; very large and full, all blooming together.



Canna Italia

**FLORENCE VAUGHAN**—The finest yellow-spotted Canna. Flowers very large, brilliant yellow, spotted with bright red; a strong grower and free-bloomer.

**ITALIA**—(Orchid Flowered). Bright, orange-scarlet, with a very broad golden-yellow border. The flowers, which are produced on massive stems about 16 inches long, are set well above large, heavy foliage.

**MADAME CROZY**—3½ feet, brilliant vermilion-scarlet, bordered with deep golden-yellow. Green foliage. Color is a brilliant vermilion-scarlet, bordered with deep golden-yellow; the flowers are borne in great clusters, and in such profusion that they crown the plant with a blaze of glowing color.

**AUSTRIA**—(6 feet; the Giant Golden Lily-Flowering Canna). Green foliage. The plant is remarkable for its sturdy, rank growth, forming massive clumps six to seven feet high, surmounted by tall spikes of golden-yellow flowers, standing upright like immense lilies.

**ALEMANNIA**—(5 feet, orange-scarlet, with golden-yellow border). Green foliage. The flowers are gigantic in size, the upper petals spreading fully seven inches, and the form is really semi-double. The outer petals are orange-scarlet, with a very broad, golden-yellow border.

**Mlle. BERAT**—(3 feet). Entirely distinct from any other sort. Much the darkest of all the pink Cannas.

**QUEEN CHARLOTTE**—(2½ feet). Flowers bright orange-scarlet, deeply edged with bright canary-yellow.

**THE KING OF ALL CANNAS—KING HUMBERT**—(4 to 5 feet. New Italian Orchid-Flowering). Bronze foliage. In this grand Canna we have a combination of the highest type of flower with the finest bronze foliage. It is a cross between the Crozy and Orchid flowering families. The flowers are as large as those of any of the Orchid flowering kinds, yet they have the firmness and substance of the Crozy type. Its flowers are of a brilliant orange scarlet, with bright red marking, while the foliage is broad and massive and of a rich copper bronze. It is without doubt unsurpassed in the Canna family. 15c each; \$1.50 per doz.

**FIREBIRD (Wonderful)**—A remarkable novelty with perfectly formed flowers, 7 to 8 inches in diameter, of a brilliant cardinal red; the foliage is a heavy, leathery texture; requires rich soil for best development; 4 feet. 25c each; \$2.00 per doz.

**VENUS**—(4 feet). The color is a gay rosy-pink with a mottled border of creamy-yellow. Green foliage. 20c each; 3 for 55c; 12 for \$2.00.

## CARNATIONS

## Whites

10c each; \$1.00 per dozen.

January 1st to April 15th.

**WHITE WONDER**—Begins blooming in September and continues throughout the season; snow-white, fragrant, absolutely perfect in form, large in size, good stems, healthy and free, and an easy rooter; grand in every way; makes nice field plants.

**WHITE ENCHANTRESS**—Ours is the "Pure White" Western strain. We have an enormous quantity planted for cuttings which are in perfect condition.

**WHITE PERFECTION**—Still the most perfect in form, and unsurpassed with those growers who can do it well.

**MATCHLESS**—The Matchless White; a very sensational variety; winner of two gold medals. A great commercial variety, easy to grow and a free bloomer. Pure white and of high quality, large and fragrant; blooms early, does not split. Keeps and ships well.

## Pink Varieties

**PEERLESS PINK**—A new introduction and one that will be a popular variety as it is borne on long stems.

**MRS. C. W. WARD**—A perfectly formed flower with full center; color, deep pink, several shades lighter than Lawson, deeper than Winsor, having strong, erect stems 24 to 36 inches in length. The most popular pink variety on the market.

**ENCHANTRESS**—The great bread-and-butter variety of the floral world. Our cuttings are from carefully selected stock.

**ROSE-PINK**—Still indispensable in its color. Our stock is selected to color.

## Scarlets

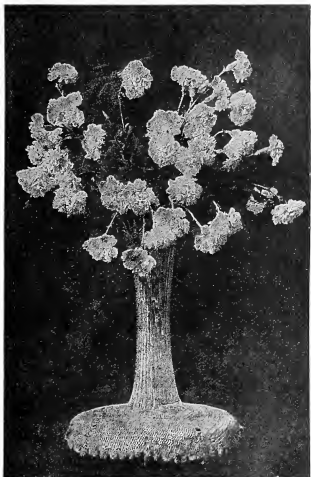
**BEACON**—Still "the" standard red; probably the freest carnation in existence. Our stock is in magnificent condition, without a sign of weakness or deterioration.

**BONTIRE**—Is becoming increasingly popular; a good red for everybody.

**HERALD**—Scarlet, with good calyx, stem and habit; free and continuous.

**NEBRASKA**—This wonderful carnation is beyond a doubt the most remarkable scarlet carnation ever produced. A cross of Beacon and Victory, it is a strong, easy grower, making large plants in the field and lifting easily; blooms are  $3\frac{1}{2}$  inches or over, stem 24 to 36 inches long, and its color is the brightest scarlet.

**AVIATOR**—A new red, surpassing many of the old varieties; very large flower; long stem.



White Wonder Carnation

## GENERAL COLLECTION OF CHRYSANTHEMUMS

Can be had from January 15th to May 15th.

10c each; \$1.00 per dozen.

## White

**WHITE CHIEFTAIN**—A beautiful, incurving white of perfect shape. Certificated in Boston, Philadelphia and Chicago. Perhaps the finest incurved white commercial variety in cultivation today.

**WHITE FRICK**—A large incurved variety of a medium long stem; flowers about mid-season and greatly admired by all lovers of Mum.

**ALICE SALOMON**—An incurving, pure white, big flower, with light weight stem and foliage that will bear close planting, and can be cut October 15th; a variety that matures very rapidly. The finest, most businesslike of its date; is already very popular where known.

**SMITH'S ADVANCE**—This variety displaces every other of its date early; it is a lovely grower, free from tricks, and can be had in bloom at any time following a season of growth; a very high grade, pure white bloom; can be had late in September and into October; it has a stiff stem 3 feet and over, nice foliage and a beautiful formed flower very slightly reflexed.

**CHAS. RAYZOR**—Flower nicely incurving in form; pure snow-white with a grand stem, and foliage as handsome as "Eaton;" a very easy doer. Mid-season.

**TIMOTHY EATON (Late)**—Enormous, globular, Japanese incurved variety. Color pure white.

**VIRGINIA POEHLMANN**—Almost pure white, of good size, incurved, full of petals, of fine finish. Very good.

**W. H. CHADWICK**—Magnificent variety, without rival for fineness of its date; the original ought to be called "Blush Chadwick." Mid-season.

**SILVER WEDDING**—The purest white, with broad, reflexed petals, forming a bold, handsome flower, seven inches and over in diameter. Late.

**WM. TURNER**—A perfect incurved variety, quite globular, snow-white, of enormous size; stands at the very head of the whole white section; won first place over every variety entered against it at the shows of 1915. Recommended both for commercial and exhibition. Mid-season.

## Pink

**CHIEFTAIN**—The loveliest pink of them all. Ready October 20th, and keeps indefinitely, without fading.

**EARLY ROSE**—Beautiful clear pink. A good variety for home planting; early and of good size.

**PACIFIC SUPREME**—A longer stemmed, brighter colored Glory Pacific, maturing at the same time. Very early.

**DR. ENGELHARD**—Grand commercial variety; color, pink; stem and foliage perfect.

**HELEN FRICK**—Color a beautiful clear pink (like the Mermot Rose), slightly deeper at the center. Mid-season.

**WM. DUCKHAM (Midseason)**—Color a deep clear pink; incurved; flower very large. Late.

## Yellow

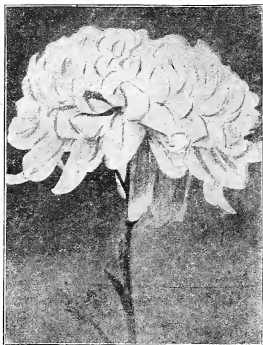
**GOLDEN WEDDING**—Nothing finer among yellows; shines like burnished gold; the standard for measuring color;  $4\frac{1}{2}$  feet. Mid-season to late.

**GOLDEN CHADWICK**—The very best late commercial yellow; a perfect Chadwick in a grand color; can be had very late. A splendid keeper.  $4\frac{1}{2}$  feet. Ours is not "Yellow Chadwick," but a deep golden strain.

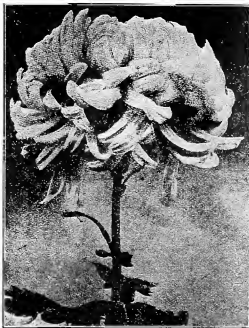
**MARIGOLD**—Large shaggy clear yellow of mid-season.

**HALLIDAY**—Beautiful clear yellow; early, and popular grower.

**ODESSA**—Enormous yellow, very bright, grand in form; unexcelled in incurving yellow for exhibition.



Helan Frick



Major Bonnaillon

### CHRYSANTHEMUMS—Continued

**MAJOR BONNAFFON**—This splendid yellow commercial is still grown in large quantity; our stock is in perfect health. 3 feet. Mid-season.

**NAGOYA**—One of the latest and finest brilliant yellows in the family; 4½ feet. A grand late sort.

**ROMAN GOLD**—Very intense yellow, with perfect stem and foliage; easy to manage.

**YELLOW EATON**—Bright yellow sport from Timothy Eaton. For everybody's use, and for commercial purposes as well as for show. It is strictly A-No. 1. Late.

**GOLDEN QUEEN**—A new variety of great beauty, with perfectly incurved petalage in heads about six inches in diameter; deep rich yellow.

### Red

**JOHN SHRIMPTON**—A glorious reflexed of the largest size, the color of G. W. Childs, crimson and gold. It does not burn and is a splendid keeper and shipper. The foliage and stem are ideal. Early to mid-season.

**BLACK HAWK**—The largest and most beautiful dark crimson scarlet yet introduced; looks like crimson velvet, the very shade so much desired in Chrysanthemums; flowers of immense size on fine stiff stems. Late.

**HARVARD**—A splendid new variety of red Chrysanthemums of a strong upright growing habit, flowers large, very double and of darkest crimson color, reflexed petals and strongly recommended as an exhibition variety in its class.

### Plum Varieties

**INFANT DES DEUX MONDES**—A creamy white, hairy variety, of fine shape and excellent form. 15c.

**LOUIS BOEHMER**—Identical with the above except that its color is an exquisite shade of silver pink, with deep rose on the inside petals. 15c.

**PERLE OF LYONNAISE**—Bright, clear golden-yellow, somewhat plumbed; quite full; one of the very finest; of medium size; beautiful globular form; new. 15c.

**RED PLUME**—An addition to the Ostrich Plume family of Chrysanthemums, being of same habit of growth and size of flower, except in color, which is a bright red. 15c each.

### The Pompons

10c each; \$1.00 per dozen.

This lovely family of Chrysanthemums has been "coming" for years, and now it has certainly "arrived." No flower is quite so popular while it is in season, and flower buyers anxiously look for its coming and regret when it can no longer be had, for the ladies all over the country realize that it is the most effective flower for home decoration that can be had in the autumn.

**ELVA**—The most beautiful of white pompons, pure in color, of full, fluffy form; very early; extremely useful to every grower of cut flowers.

**HELEN NEWBERRY**—Fine Thanksgiving white, one of the largest pompons, an enormous producer; very pure in color.

**INGA**—Bright red of beautiful shade, fine size, and elegant form; one of the earliest.

**IDA**—Extra good yellow; quite distinct.

**KATIE MANNING**—Very early yellow, extra good; can be cut for three weeks; opens flat, gradually reflexing into a globe.

**KLONDIKE**—Most beautiful yellow in the family; extra fine.

**LULA**—Lovely snow-white, globular form, and of medium size; in season for full four weeks.

**LILLIA**—Tall, stiff stems; good sized flowers freely produced; grand red color.

**MINTA**—Lovely Enchantress pink, form of a feverfew. Very free.

**Rufus**—One of the finest and freest of the reds; color very bright.

### COLEUS

We have a splendid collection of this justly popular foliage plant, and can supply any color desired. We have not space here to name and describe them, but we have about twenty sorts to choose from, and all good ones, just the shades of color you desire, and we can please you in selection. We have all shades of red, yellow, purple, green and speckled, spotted and mottled, and we can supply any color or mixture of colors. Price for nice plants, 5c each; 60c per doz. Plant outdoors after April 1st. Ready January 1st.

### COLEUS CHRISTMAS GEM

**BRILLIANT OR DR. ROSS**—Leaves immense, eight to twelve inches long. Cannot be excelled as a pot plant. The name aptly describes the appearance of this variety, which belongs to the giant-leaved section; of strong, vigorous habit. Leaves are of bright carmine shading off to a deep maroon, the margin being yellow and green, the whole leaf having a rich velvety lustre. 10c each; \$1.00 per doz.

### HARDY COREOPSIS

**COREOPSIS LANCEOLATA GRANDIFLORA**—The perfect strain of a long popular hardy plant. Flowers are rich golden yellow, borne in great profusion nearly the entire season. 10c each; \$1.00 per doz.

### DAISY

**DAISY SHASTA**—The largest, and perfectly hardy daisy grown; of spreading habit, a small plant will spread and produce ten to twenty-five blooms the first year and can be separated and make twenty-five plants the next season. Well shaped plants, 15c each; \$1.50 per doz.

## Ferns

Ferns of all varieties to be had the year round from 10c to \$10.00. The small plants only can go by mail, but all should go by express; it gives you better and larger plants.

**NEPHROLEPSIS BOSTONIENSIS**—(Boston Fern). The popularity that this plant has gained in the short time since introduction is simply marvelous. It is one of the finest decorative plants ever introduced. Grows rapidly under all conditions, and its inexpensiveness places it within the reach of everyone. Often called "Fountain Fern" on account of its gracefully drooping habit. Fully matured fronds often attain a length of four feet. 10c each. Large plants by express, 25c, 50c and 57c each.

**NEPH. PEARSONII**—One of the finest Nephrolepsis Ferns ever introduced; fronds long like Boston Ferns, but leaves are very fine cut on tips and give it a beautiful loose and lace effect. Price 15c, 25c, 50c and \$1.00 each.

**PLUMED SCOTTI FERN**—(Nephrolepsis Scholzei). The ideal plumed Fern, holding the same position to all other plumed varieties that Scotti holds to the old Boston. It is a sport from Scotti, possessing all of the merits of that most popular variety, but with the pinnate subdivided, giving it an airy, feathery appearance. Price, nicely shaped plants, 15c; large size, 50c.

**BIRD'S NEST FERN**—This is a perfect gem and is entirely new and distinct from all other ferns. Its beautiful wavy and crispate leaves attain a height of two feet, making it a splendid subject to grow into specimen plants for general decorative usage. Price, small plants, 25c and 50c; large plants, \$1.50, \$2.00 and \$3.00 each.

**ADLANTUM CUNEATUM**—(Maidenhair Fern). Very popular; the most graceful and useful in cut-flower work. 10c, 25c, and 50c each.

**NEPH. WHITMANII**—The finest all-cut leaves of the Nephrolepsis variety to date. Plants rare and costly, but they are so rare and dainty that you will not regret having bought at least a small plant. 15c, 25c and 50c each.



A Small Corner in a House of Ferns. Fig. 5: Whitmanii

**NEPHROLEPSIS CORDATA COMPACTA**—A dwarf, compact growing form of Sword Fern. Making sharply pointed plants 2 feet high when fully matured. Its deep green fronds have just enough arch to make them graceful. 10c, 25c, 50c and \$1.00 each.

**ROOSEVELT FERN**—The grandest Fern of its class yet introduced. It resembles the world-famous Boston Fern, but produces twice as many wide, drooping fronds, and the pinnae are beautifully undulated, giving a pronounced wavy effect seen in no other variety. It has sprung into wonderful popularity, and when better known will be wanted by everyone. Price, 25c, 50c and \$1.00 each.

**"TEDDY JUNIOR"**—It is a sport from the now famous Roosevelt Fern. The fronds have an attractive wavy appearance, which adds materially to their charming decorative effect. "Teddy" will produce about four times more fronds than any other Fern. It is a compact, vigorous grower, will thrive under most adverse conditions, making an exceptionally rapid growth and producing a plant of rare beauty and perfection without special care or attention. Finest pedestal plant produced. Fine young plants, 20c each; larger size, 50c and \$1.00 each.

### Ferns for Fern Dishes

**PTERIS SERRULATA**—Of graceful habit. Excellent for basket. 10c each.

**CRYTOMIUM FALCATUM (Holy Fern)**—Excellent for house culture. 10c each.

**PTERIS CRETICA ALBO LINEATA**—Very pretty variety, with striped foliage. 10c each.

**PTERIS ARGYREA**—A very showy, strong-growing Fern, variegated foliage; fronds large, light green, with a broad band of silvery white down the center of each; very distinct. 10c each.

**SHAKING FERN (Pteris Tremula)**—Foliage large and very graceful. The slightest movement of the air shakes the leaves of the Tremula. It grows readily and very fast. 10c each.

### FICUS ELASTICA

Nothing better for table or house decoration. Its dark green shiny foliage is always handsome, and its constitution is such that it is able to stand the excessive heat and dryness of the ordinary dwelling house without injury. Nice plants, 25c; large plants, by express, 50c, 75c to \$1.00.

### FIRE CRACKER PLANT

**RUSSELLIA Juncus**—It is a beauty; very valuable for baskets and vases. 10c each.



Ferns used as background for Carnations.



## CYPRUS ALTERNIFOLIUS



**UMBRELLA PLANT**—A grass-like plant, throwing up stems to the height of about 2 feet, surmounted at the top by a cluster or a whorl of leaves, diverging horizontally, giving the plant a very curious appearance. A splendid plant for the center of baskets, vases or warden cases, or as a water plant. 10c, 25c and 50c.

## FUCHSIAS

We have no plants that can equal in grace these denizens of the forests of our Southern hemisphere. Grow in a shady place in summer in soil composed largely of leaf mold or sandy loam. Grow in sunny window in winter and turn frequently to the light. 10c each. Ready to sell February 15th to April 15th.

## HANGING BASKET PLANTS

Many people often need a good selection of plants for baskets, and do not know what to order. We have a good selection of the best kinds. Many plants costing 10c each go in the lot at 50c per dozen, or 5c each.

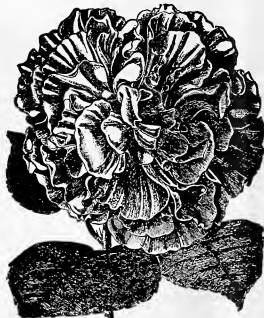
## HELIOTROPES



Heliotrope, Florence Nightingale

**HELIOTROPES**—All fine sorts, fragrant, blue lavender and white, at 10c each; \$1.00 per dozen. Ready to sell December 1st to May 1st. If wanted by mail, add 15c per dozen.

## HIBISCUS



Miniatus Semi-Plena Hibiscus

Stands our hot, dry summers to perfection. 10c each; \$1.00 per dozen. Large plants, 25c and 50c. If wanted by mail, add 15c per dozen.

**PEACHBLOW**—One of the finest plant novelties of recent years. Flowers double, of a rich shade of clear pink, with small, deep crimson center; an entirely new variety.

**CARMINATUS PERFECTUS**—Full, round flowers of perfect shape and of a rich, soft carmine-rose, with a deep crimson eye. A beautiful free-blooming variety.

**GRANDIFLORA**—Rich, glossy foliage, blooming profusely during the summer, literally covering the plant with scarlet crimson flowers.

**RUBRA**—Flowers enormous, double, clear red, tinted with violet; an unusually free bloomer. Plant outdoors after frost is over. Ready February 1st to May 1st.

## GERANIUMS

## Double

**S. A. NUTT**—The very best of the dark crimson scarlet bedders. Always in heavy demand. We have a very large stock of it. Stands the sun perfectly, and is always a mass of bloom.

**RUBY**—Seedling of S. A. Nutt and Pamela. Beautiful semi-double clusters on long stems. Both florets and clusters are much larger than S. A. Nutt. Color dark currant red suffused with violet. We consider this the best dark red we grow and think when better known it will supersede S. A. Nutt.

**ALPHONSE RICARD**—Large, semi-double flowers, often measuring two inches in diameter, borne in enormous trusses, on long flower stems. Continues in bloom the entire season.

**JEAN VAUD**—Large, semi-double rosy pink, flowers with white eye. Blooms with uninterrupted freedom the entire season, and is of such rapid and vigorous habit of growth that it makes one of the best all-round plants obtainable.

**LA FAVORITE**—Trusses very large; florets of the most beautiful and perfect form, and of the very purest, snowiest white in color.

**MME LANDRY**—A distinct salmon pink, with a slight shading of scarlet; habit semi-dwarf, vigorous; broad, heavy deep-zoned foliage. It has all the best points of a Brant Geranium.

**BEAUTE POITEVINE**—The best semi-double, salmon bedder, large flowers, aurora-pink shading to bright salmon.

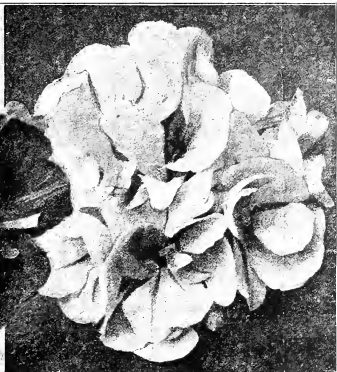
**RED WING**—Deep cardinal red, with a soft velvety sheen unusually attractive; semi-double flower, of good substance; large trusses as free as S. A. Nutt in bloom. Plant is robust, of strong growth and makes an ideal pot plant or bedder, as it stands the sun well; has no rival in its color.

## GERANIUMS—Continued

Extra large size, 15c each; \$1.50 per dozen; large size, 10c each; \$1.00 per dozen; small size, 5c each; 50c per dozen; not labeled. SPECIAL—Our selection, 1-1 size, 12 for \$1.00. Ready to sell the year round. If by mail, add 15c per dozen. Small plants at 5c will not be labeled.



Paul Brunt



L'Aube—Single white

**JEAN OBERLE**—One of the most beautiful among that color known as the peach-pink; an excellent shade of hydrangea pink, shading tenderly to almost pure white at the outer edges of each petal; the florets are especially well formed, just semi-double enough to be pleasing; the trusses are actually immense, often having over a hundred florets to the truss. The habit is exceptionally strong and vigorous; very free bloomer.

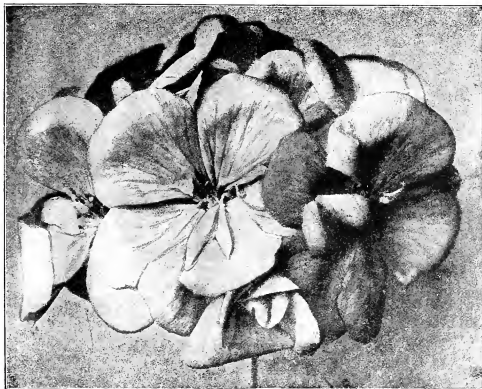
**AMERICAN BEAUTY**—Distinct low-branching, short-jointed growth and dark, crimped foliage. Color rich crimson. Very beautiful, fine bloomer.

**L. M. BISQUIT**—Semi-double. Very large florets compose a truss of grand size; center, tender pink.

**THOMAS MEEHAN**—A very noteworthy variety; color distinct brilliant pink, the best of upper petals marked orange; very large, round florets, and extremely large trusses; dwarf, compact, vigorous grower and an abundant bloomer.

**SPAUDING PEI**—This is a profuse bloomer with large bright scarlet flowers, semi-double, and has the remarkable faculty of blooming right through the hottest and driest weather; is also a luxuriant grower. This is a variety that is especially desirable for the South.

**BRIANT**—The best bedding Geranium. Bright vermillion-red. **MADAME CHARLOTTE**—A soft salmon shade; of unusual merit.



E. G. HILL—Largest Single Pink

## Single

**DRYDEN**—Bright cochineal red, shading to pure white in center; very floriferous; exceptionally clean, healthy and vigorous; foliage slightly zoned.

**CLAIRE FRENOT**—Plant robust and of good habit; excellent trusses, held well above the foliage; grand round flowers; nymphaea rose, shading Daybreak, veined rose salmon. Can stand very inclement weather, making a new growth well into the autumn.

**L'AUBE**—Pure snow white, retaining its purity the entire season; large round florets; magnificent trusses. Its freedom of bloom, excellent habit of growth and ironed constitution making it a most satisfactory variety either as a bedder or a pot plant. One of the best single whites.

**MRS. E. G. HILL**—A magnificent variety; enormous trusses of large florets; the center of each petal is a soft light salmon bordered with rosy salmon; habit exceptionally strong and vigorous; attractively zoned; semi-dwarf; stands the sun perfectly. An old favorite bedder and pot variety.

**JACQUERIE**—A most beautiful shade of deep carmine-red; immense trusses on exceptionally long stems; very vigorous grower and unsurpassed as a bedder.

**TIFFIN**—One of the freest blooming single scarlet bedding varieties; rich, glowing scarlet, crimson-maroon shading on upper petals.

**GRANVILLE**—Large, soft, clear pink.

## Ivy Leaven Geranium

**ACHIEVEMENT**—Immense semi-double flowers of a distinct and pleasing shade of soft cerise pink, freely produced in large trusses; good habit and constitution, being a cross with a zonal; plants are luxuriant, healthy growers, blooming long and in prodigious profusion.

**CAESAR FRANCK**—Trusses very large, florets immense and very regular form, quite full; the color is an exquisite shade of rosy carmine. 15c each.

**P. CROZY**—A grand hybrid between the Zonales and Ivies, having the foliage of the former, but a very heavy texture; in form of truss and florets it resembles the Ivy-leaved section; the color is soft, bright scarlet, with veinings of maroon; the habit is perfect and it is a grand bedder. 10c each.

**ALLIANCE**—In 1905 when Mr. Lemoine introduced this variety he described it as a Pelargonium Pettatum Zonal "Alliance," signifying an affinity between the two types. A most exquisite shade of delicate lilac white, upper petals featured and blotched bright crimson.

**MRS. BANKS**—Color a pleasing shade of blush-white; upper petals feathered reddish Neron. Abundant winter bloomer.

**RYCROFT'S SURPRISE**—One of the most beautiful Ivies we have. In color it is a charming clear rose or rich pink, which is very attractive. Extra.

## Scented Leaved Varieties

**APPLE**—Apple scented. Price, 15c and 25c each.

**NUTMEG**—Dwarf, bright green foliage; nutmeg fragrance. Price, 10c each.

**ROSE**—This variety has been a great favorite since 1690. The standard rose scented. Price, 10c each.

## Pelargoniums or Lady Washington

**EASTER GREETING**—This new, ever-blooming Pelargonium was shown at Mannheim Horticultural Show planted out as a bedding plant and bloomed continually until late in the fall. Rivals the Azalea in beauty. The following description is from the introducer: "The earliest of all Pelargoniums with enormous florets and clusters having light green foliage and of dwarf robust growth. It blooms from March until fall. The florets are of a fiery amaranth red with five rose shaded spots. The first and only kind to bloom as well bedded out as in pots and to do so all summer." Price, 15c, 25c and 50c each.

**GAILLARDIA GRANDIFLORA SUPERBA**—(Blanket Flower). Makes one of the most gorgeous and prodigious displays of all perennials. Flowers often measure three inches in diameter, on clean, two-foot stems. A hard center of deep maroon is thickly bordered by petals of orange and yellow, ringed by circles of crimson, red and maroon. Poor soil will do, and a constant show is assured from June till frost. 10c each; \$1.00 per dozen.

## HOLLYHOCKS

Time-honored, stately, majestic, hardy plants, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant. We offer these in the following colors, single and double, white, pink, yellow and red, at 15c each; \$1.50 per dozen.

## LANTANAS

Our collection of these grand bedding and basket plants is the most complete ever offered and is sure of appreciation by all planters of this class of stock. 10c each; \$1.00 per dozen. By mail, 10c extra per dozen.

**TETHYS**—Lovely cream color, shading to cherry. Plant outdoors after danger of frost is over.

**LEO DEX**—Semi-dwarf, very compact, free blooming; umbel and florets of large size; color orange-red with yellow center.

**ALBA-PERFECTA**—Semi-dwarf, free grower and an abundant bloomer; pure white and a gem among white bedders.

## LANTANAS, WEeping

A grand plant for baskets and vases. May be used to good advantage in connection with other plants, but is more effective when used alone where its bright colored bloom forms a perfect mound of flowers. A fine plant for winter flowering in the flower pots or small hanging baskets. Flowers delicate rosy lilac, borne freely all over the plant from the base of each leaf stalk. 10c each; 3 for 25c. Ready November 15th to June 1st.

## MOON FLOWER VINES

**WHITE**—So-called from its rare peculiarity of blooming best at night, although it also expands its flowers on dull days. They are pure white, 5 or 6 inches across, emitting a rich Jasmine-like odor. 10c each.

**BLUE**—Intense violet blue, with reddish purple rays, 6 inches across. It blooms in the mornings and on cloudy days. 10c each. Ready to sell March 1st to May 15th.



Cape Jasmine

## JASMINUM

The sweetest flower grown. Be sure to try one of each.

### GRAND DUKE

Large, double, white, imbricated flowers; fragrant. 15c and 25c. Fine for pots in house.

### CAPE JASMINE

Delightfully fragrant; pure white. 25c and 50c.

### NIGHT BLOOMING

Flowers at night; flowers very fragrant. Fine for planting in the yard; rapid grower. 10c.

### MAID OF ORLEANS

A very attractive new sort, with good-sized, double flowers, blooming profusely all summer; shining pale green foliage. We predict for it a rapid sale, as it is much easier to handle than other Jasmynes, and, as a whole, more desirable. 15c and 25c. Pot plants for sale the year round.

## HYDRANGEA OTASKA

A Japanese variety producing immense heads of pink flowers. This is the variety so extensively used for Easter decorations. Small plants, 15c; larger, 25c, 5c and \$1.00. (On sale November 15th to May 1st. By mail, 5c extra for small plants and 10c extra for large plants.)

## LEMON, PONDEROSA



Ponderosa Lemon

**LEMON, AMERICAN WONDER**—One of the best selling plants; grows rapidly and forms nice, bushy plants, bearing fruit freely at the same time. Nice plants, 15c and 25c; large plants, 50c, 75c and \$1.00. Plants on sale the year round. By express only; the small size can be shipped by mail.

## OLEANDERS

The plants of the South almost hardy in the northern parts of Texas. Grows to a height of 10 feet; a beautiful pot or tub plant for lawn; blooms nearly all season; very decorative. Colors, white, red, pink. Nice plants, 15c and 25c each; large plants 50c, \$1.00 and \$2.00 each.



## Palms

All Palms to be had the year round, from 25c to \$25.00.

All Palms in pots 4-inch or over should come by express at purchaser's expense; if wanted by parcel post please add 15 per cent of the cost of plants.

We are making a specialty of palms and have one of the largest and best stocks of them to be found anywhere.

The Kentias are recommended as being the hardiest and best for house culture, as dust and gas does not affect them as much as many other palms. Where height of plant is given it means height from top of pot.

### ARECA LUTESCENS

One of the most graceful plants in cultivation. The foliage is clear, glossy green, on slender, golden-yellow stems. Grows rapidly and makes beautiful specimen plants in a short time.

4-inch pot plants.....	\$0.50 and \$0.50
5-inch pot plants.....	.75
6-inch pot plants.....	1.50
8-inch pot plants.....	2.50

### KENTIA BALMOREANA



Kentia Balmoreana

In our estimation this is one of the very best for all purposes and all places. Exceedingly graceful, and one of the hardiest.

4-inch pots, 12 to 15 inches high, 50c and 75c.
6-inch pots, 18 to 24 inches high, \$1.00 and \$2.00.

### KENTIA FOSTERIANA

Much like Balmoreana, except that it grows taller, with larger, heavier foliage.

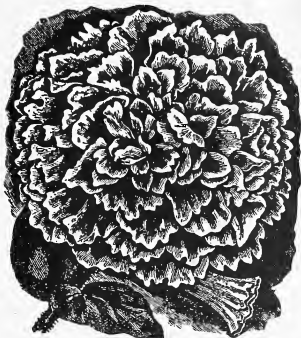
4-inch pots, 15 to 18 inches high, 50c and 75c.
6-inch pots, 24 to 30 inches high, \$1.50 and \$2.50.

### LATANIA BORBONICA, FAN PALM

A beautiful palm, with large, deeply divided fan-shaped leaves; it is easy of cultivation and should be in every collection.

3-inch pots, nice plants, 25c.
5-inch pots, 18 to 20 inches high, 75c to \$1.50.
6-inch pots, 20 to 24 inches high, \$1.50 to \$2.50.
8-inch pots, 24 to 30 inches high, \$2.50 to \$5.00.

**PHOENIX ROEBELENI**—The most graceful of the Phoenix, and a Palm which has become one of the most popular for room decoration. The plant is of vigorous growth, and its gracefully recurring leaves, with very narrow dark green pinnae, give it a lightness and airiness not surpassed, if equaled, by *Cocco Weddelliana*; at the same time it is as hardy as a *Kentia*, succeeding admirably as a house plant. 4-inch, 50c, 75c and \$1.00.



Double Petunia

### SAGO PALM

A beautiful and one of the hardiest palms grown. Nice palms, 3 to 4 leaves, \$1.00; larger, 6 to 8 leaves, \$1.50 and \$2.00. Express only.

### MADERIA VINES

The Madeira vines are one of the South's greatest growers and bloomers. The plant is grown from a bulb which starts growing early in the spring and spreads rapidly, covering a large space in a short time. Flowers are borne on long stems and are white and very fragrant. The roots stay out all winter and once planted are always there for an early share. Fine bulbs, 10c each; small bulbs, 5c.

### PINKS (Hardy)

We have a fine assortment of these beautiful hardy flowering Sweet Pinks in assorted colors, field grown, large clumps, at 15c each; \$1.50 per dozen.

### PRIMROSE BABY

Easy grower, fine, full foliage flowers in clusters; a beautiful small flower of a baby blue color. 15c and 25c each. If by mail, add 5c each.

### PLUMBAGOES

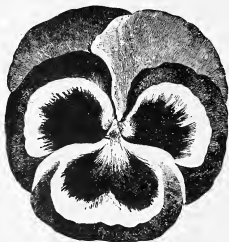
**CAPRIENSIS**—A plant worthy of more general cultivation; producing large trusses of delicate azure blue flowers. Excellent for bedding out in summer or growing in pots for single specimen plants. 10c each; 75c per dozen. If by mail, add 10c per dozen.

**CAPRIENSIS ALBA**—Equally as desirable as *Plumbago Capensis* and identical in every respect but color, which in this variety is beautiful creamy white. 10c each; 75c per dozen. Ready to sell December 1st. If by mail, add 10c per dozen.

### PRIMULA OBCONICA

A favorite pot plant for house and conservatory culture on account of its wonderful blooming qualities, flowering nearly all the year through. Price, 15c and 25c. Ready for sale October 15th to March 15th only. If by mail, add 5c extra.

## PANSIES



As we have given this plant special selection and cultivation, the stock offered can be relied on as embracing the best from foreign and domestic collections. It combines with the flowers of the largest and finest form the most exquisite gradations of color. Large plants in bloom, 10c each; \$1.00 per dozen. Ready from November 15th to March 15th. Nice bedding plants 5c; 60c per dozen.

## SALVIA

**SALVIA SPLENDENS**—The well-known Scarlet Sage. Another splendid flowering plant, with its plumes of dazzling scarlet flowers. Each 5c; 60c per dozen; 8c per dozen for postage.

**DWARF EVER-BLOOMING SALVIA ZURICH**—A fine scarlet; very dwarf; an ever-bloomer. Price, 5c each; 60c per dozen. Postage 10c per dozen.

## PETUNIAS (Single)

These are grown from seed of our own saving and are the same strains as those we use in hybridizing to obtain double flowers. Many of them will be finely fringed, and most of them are sure to be highly colored varieties. Prices, 5c each; 60c per dozen. If by mail, add 10c per dozen.

## PETUNIAS (Double)

Plants grown from the same strain of seed which produced the named varieties, but not all of them are certain to be double. Such of them as come single will, however, be certain to be large and brilliantly colored. Price, 10c each; \$1.00 per dozen. Ready for market February 1st to June 1st. If by mail, add 15c per dozen.

## PHLOX (Hardy)

A hardy flowering, low growing plant with very pretty bright colored flowers by the hundred; blooms early and all summer. Fine plants, 10c each. If by mail, add 10c per dozen.

## PARLOR IVY

A lovely and thrifty climber for the house or window; grows very quickly and makes an abundance of pretty green foliage. 10c each; 3 for 25c.

## PRIMROSE, CHINESE



Chinese Primrose

For winter flowers there is no more desirable plant than the Chinese Primrose. They are easily grown and flower incessantly throughout the winter. Our plants comprise all the shades of crimson, pink, white and variegated. 1st size, 25c each. On sale November 15th to March 15th only. If by mail, add 5c each.

## PERIWINKLE or VINCA

This is a most pleasing and attractive shrub plant, blooming the entire summer season, forming a handsome shrub two feet in height and diameter. Color, rose, white and white with crimson center. Price, 5c each; 60c per dozen.

## VINCA MAJOR VARIEGATA

Pleasant and refreshing. This is a beautiful variegated trailing vine admirably adapted for hanging baskets and vases. The leaves are a glossy green, broadly margined a creamy-white, flowers blue. More Vincas are employed in vase and basket work than all other vines combined. Price 10c each; 4 for 25c; 75c per dozen.

## SWANSONIAS

A plant which is becoming very popular for house culture. Foliage is as graceful as an Acacia; flowers pure white, produced in sprays of 12 to 20 flowers each, and resembling Sweet Peas. It is of the easiest culture and everblooming. It climbs readily and is splendid for the window garden. White or pink. Price 10c each; \$1.00 per dozen; 3c for postage.



OTAHEITE ORANGE

The best orange for pot culture. Plants dwarf and symmetrical in form. Flowers freely with a delightful orange fragrance. Fruit edible; about half the size of ordinary oranges. A grand plant for winter culture; scarcely ever without some display of blooms or fruit. 15c each. Large specimen plants, by express, 35c, 50c and 75c. Ready to sell the year round.

## VIOLETS

**"CALIFORNIA VIOLETS"**—This has large single purple flowers; when well grown are as large as a silver dollar and deliciously fragrant. Large plants, 10c each; \$1.00 per dozen.

**TEXAN**—The Texas violet is of a darker purple than the California, not quite as long stems, but by far a better bloomer and withstands the hot, dry summer better than any violet we have ever grown. Large plants, 10c each; 75c per dozen. Small plants, 35c per dozen. Ready for sale or planting November 15th to April 15th. If wanted by mail, add 10c per dozen.

## VERBENAS

One of our specialties. This list we offer can not be excelled. No garden is complete without a collection of verbenas. Edible, variegated, pink, purple, dark blue, white. Don't fail to order some verbenas. 5c each; 60c per dozen. Ready December 1st to April 15th. By mail, add 10c per dozen.

## VERBENA, LEMON

Or sweet Verbena, is a favorite on account of its lemon-scented foliage and lilac-scented flowers. Each, 15c, or two for 25c. Ready to sell December 1st to May 1st; 3c extra for postage.

## CALADIUMS

**ESCULENTUM**—A tropical plant with luxuriant green foliage. The leaves are often more than two feet across and are bright and ornamental, the entire season. Will grow in an ordinary garden soil, but should have plenty of water in order to give the best results. Very easy to cultivate; the bulbs may be taken up in fall and kept through the winter in dry sand in the cellar. Extra large bulbs, 35c each; 3.50 per dozen. 1st size, 20c each; \$2.00 per dozen. 2nd size, 10c each; \$1.00 per dozen. Ready to sell December 1st to May 1st.



Assorted Fancy Leaved Caladiums

**FANCY LEAVED**—These delight in a place sandy and moist. They should be started into growth about March, dried off in October and kept in a warm and dry place until spring again. They are excellent for window boxes, vases or single pot plants, and succeed equally well in a somewhat shady situation outdoors. 25c each; 5 for \$1.00. Ready February 15th. Dry bulbs.

## CALLA LILIES

Fine plants from California, such as will give a profusion of bloom all the season. Plants 35c to \$1.00. Dry bulbs 15c and 25c each. Plant Callas from September 1st to February 10th; after that we have no dry bulbs for sale, only plants varying in price from 75c to \$2.00 each.

## CIGAR PLANT

**LADIES' CIGAR PLANT**—This is a well-known ever-blooming plant of neat habit, growing about 12 inches in height. The tube of the flower is scarlet, with the end partly white and crimson; very useful as ribbon line or front border plant. 5c each; 50c per dozen.

## FEVERFEW

Feverfew is a low-growing golden yellow, feathery plant, suited for borders on flower beds. 5c each; 50c per dozen. Ready to sell January 1st to April 15th.

**EVERBLOOMING**—This plant is very hardy, stands heavy frosts, foliage beautiful light green, flowers in clusters of pure white. 10c each; \$1.00 per dozen.

If you want to beautify your place at a small cost, our seeds will give best results.

## CROTONS



Beautiful Crotons

**CROTONS**—A very handsome foliage plant, stands the sun better than any plant we know; is more ornamental than palm or fern; as it is always bright and pretty; either in pot or yard. Try one. Small plants, 15c each; larger, 25c, 35c, 50c, \$1.00 and \$2.00 each.

## CYCLAMEN



Splendid Cyclamen for Winter Blooming

Flowers of extraordinary size, and of great substance. The leaves are proportionately large and beautifully marked. These are among the most beautiful winter and spring flowering plants for the window and greenhouse.

Not only are the flowers of striking beauty, but the foliage is highly ornamental. The colors range through shades of pink, crimson, white, spotted, etc. Most of them are, moreover, delicately fragrant. Fine large plants, 50c, 75c, \$1.00 and \$1.25 each. Ready to sell December 1st to April 1st only.

# Selected Field Seeds

## ALFALFA OR LUCERNE

(Medicago Sativa)

An absolute necessity in the West for the cheapest production of beef, pork, mutton, honey and milk. Alfalfa

In feeding value it ranks higher than red clover or timothy hay. Once a good stand is secured it will last from ten to fifteen years, gives three to six cuttings per year, yielding from three to four tons per acre. Sow in rich, moist loam or sandy soil, having a deep subsoil. Prepare the land thoroughly and sow seed at the rate of 15 to 20 pounds per acre, with a broadcast or grass seeder. Cover with a brush or light harrow. Young plants are quite tender, and the land must be free from weeds until they become established. **Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75.** Incuculation of this seed is absolutely necessary for the best results of the crop.

Ask the Agricultural department at Washington to send you Bulletins Nos. 105, 56, 133, 215, 97, 259, 194, 124, 162, 267, from which you can ascertain respecting this wonderful plant. No other seed is attracting the attention alfalfa seed is this year.

## CLOVER SEED

**FANCY HULLED BURR CLOVER—Lb., 30c, postpaid; by freight or express; not prepaid, lb., 20c; 10 lbs., \$1.80; 100 lbs., \$16.00.**

**RED—Lb., 50c, postpaid; by freight or express, not prepaid, lb., 40c; 20 lbs., \$6.00.**

**WHITE DUTCH—Lb., 85c, postpaid; by freight or express, not prepaid, lb., 75c; 20 lbs., \$11.00.**

**ALSIKE—Lb., 50c, postpaid; by freight or express, not prepaid, lb., 40c; 20 lbs., \$7.00.**

**JAPAN—Lb., 50c, postpaid; by freight or express, not prepaid, lb., 40c; 20 lbs., \$6.00.**

**CRIMSON CLOVER—Lb., 50c, postpaid; by express or freight, lb., 40c; 20 lbs., \$6.00.**

**SWEET CLOVER (Melilotus Alba)—Lb., 50c, postpaid; 10 lbs., \$3.50; 10 lbs., \$6.00; by express or freight.**

## BROOM CORN

**IMPROVED EVERGREEN—Grows about 8 to 10 feet high. Stands up well and is entirely free from crooked brush. Lb., 35c, postpaid; by freight or express, not prepaid, lb., 15c; 25 lbs., \$2.50; 50 lbs., \$4.50.**

**DWARF—Grows 4 to 5 feet high and makes straw of finest quality. Lb., 25c, postpaid; by freight or express, not prepaid, lb., 15c; 25 lbs., \$2.25; 50 lbs., \$4.25.**

## CANE SEED

The seed crop of Sorghum, Milo Malze, Kafir Corn, etc., owing to the droughts of the past two seasons, is very short and the prices will be even higher than last season. Owing to the fluctuation of the market, we are unable to quote prices in quantities. Anyone sending us an open order can depend on us to send them all the market will allow. If preferred, write us for quotations.

## TEXAS SEADED RIBBON CANE

This is one of the latest varieties of Sorghums, resembling very much, as the name implies, the Ribbon Cane. It has been planted very much heretofore for syrup, but with the coming of the silos, it is being planted extensively now for ensilage on account of the enormous yield to the acre. **Price, postpaid, 30c per lb.** Write for prices on larger quantities.

**HONEY DRIP or JAPANESE CANE—Is the best syrup producer of all varieties and is a fine forage crop for green feeding and makes excellent hay; very prolific, sometimes producing from five to seven stalks from one seed; grows about 10 feet tall. **Postpaid, 1 lb., 30c.** Ask for prices on quantities.**

## COTTON SEED

Good Sotton Seed is again very scarce owing to the spotted crops and the high prices offered on the market. The continued drought and the early freeze has been very hard on it this past season. The seed for this year are two-year-old and are far better for planting than the seed raised last season.

We only have a limited supply of these and would advise ordering early.

**MEBANE'S TRIUMPH BIG BOLL—One of the best extra early cottons, heavy yielder. **Peck, 75c; bu., \$2.50; 5 bu., \$11.25.****

**ROWDEN FANCY BIG BOLL—Heavy yielder, practically storm proof and one of the best cottons for North and East Texas. **Peck, 75c; bu., \$2.50; 5 bu., \$11.25.****

## SELECT SEED CORN

The Seed Corn Problem is one of the hardest we have this season. On account of the enormous demand for corn for other purposes the quantity of seed corn that the South can supply early from the North, we are only able to approximate what our supply will be. Some of our contract crops were a complete loss. The prices quoted below are subject to change and we would advise writing before ordering any large quantities.

## Texas Grown Varieties

We are listing only varieties that are adapted to Texas and surrounding states, and each and every one is so well known as to need very little description.

If in doubt as to what varieties to plant write us and we will be glad to give you the benefit of our experience.

**OKLAHOMA WHITE WONDER—We believe it has given the finest results of any Corn we have ever sold. They have tried all varieties of Corn and find that White Wonder gives the best results of the white varieties, and they are now growing about 5,000 acres of this variety. Mr. Miller, of the 101 Ranch, says: "We have known several seasons where this corn made 80 to 100 bushels per acre, while other varieties made from 35 to 50 bushels. After trying many varieties of corn, we find that the White Wonder gives the best satisfaction in yield and quality. It ripens at the same time as the earliest varieties, and is the only large-eared corn we know of that ripens so soon. Being a luxuriant and rapid grower, it shades the ground early in the season, thus conserving the moisture and enabling the corn to withstand the drought. In selecting the ears for seed we have chosen them from stalks having broad, even and short heavy joints, until this has become a fixed characteristic of the White Wonder." **Price, qt., 35c, postpaid; pk., \$1.25; bu., \$4.50.****

**BATT'S PROLIFIC CORN—This wonderful corn has gained a very enviable reputation and record. The largest yield recorded on this corn is 233 bushels to the acre, which won the prize in the Texas Industrial Congress contest in 1912. It is undoubtedly the best seed corn most reliable and best adapted to this. This corn produced this last season, 1913, 136 bushels to the acre, and as you know, last season in some sections was a very poor season for corn crop and was raised in an extremely dry section. The corn was planted late, April 2nd, The best time to plant it is during the early part of March. From the time this crop came out of the ground it was a sick and tassel it did not have one drop of rain, therefore the yield was cut in half, but this is an exceptionally fine record with a dry year.**

Our grower had other corn planted at the same time on the same character of soil that which ever was sown per acre under the same conditions. It does not make a big ear but nearly every stalk makes four ears. We have counted six, seven and eight ears to the stalk. It makes very heavy joints, each sucker will bear an ear. Its drought-resisting qualities are unequalled, unless it is by June corn.

On account of a dry season the crop is short and we only have a limited amount to offer. **Price, qt., 30c, postpaid; pk., \$1.25; bu., \$4.75.**

**LONE STAR COTTON—Last year we offered for the first time Selected Lone Star Cotton Seed. We had more orders than we could fill. This will give you some idea of how popular this variety is. We never offer for sale a new variety of cotton unless we are thoroughly satisfied that it is of sufficient merit to warrant our customers planting it. From all reports from those who planted our Cotton last year it gives the very best results. We endeavor to handle only a few varieties that have been tested out for their hardiness, earliness and producing qualities, and know they will give the best results in this section of the country. The Lone Star is very hardy, stocky plant with a heavier foliage. It fruits very close to the ground and is short and ripens as early as any other cotton. It is extremely careful in selecting and growing the crop, and from the results this year his expectations and ours have been fully realized. It is a beautiful Yellow Cotton, a very deep red and uniform in size. It is a splendid yielder, making from 50 to 75 bushels per acre, and matures in 90 to 100 days. The ears are usually 10 to 12 inches in length and the circumference is from 2 1/2 to 3 inches to the ear. This is really selected hand-shelled corn. **Price, qt., 30c, postpaid; pk., \$1.25; bu., \$4.75.****

**GIANT YELLOW—The seed corn that this variety was produced from was of extra selected Giant Yellow Corn. The grower states in an affidavit to us that he secured the very best grain of this variety and was paid for it by the State of Texas. He planted one acre of this corn and harvested from this acre 97 bushels of corn. It was from this seed stock that our stock of corn was produced. The grower has been extremely careful in selecting and growing the crop, and from the results this year his expectations and ours have been fully realized. It is a beautiful Yellow Cotton, a very deep red and uniform in size. It is a splendid yielder, making from 50 to 75 bushels per acre, and matures in 90 to 100 days. The ears are usually 10 to 12 inches in length and the circumference is from 2 1/2 to 3 inches to the ear. This is really selected hand-shelled corn. **Price, qt., 30c, postpaid; pk., \$1.25; bu., \$4.75.****

**IMPROVED SQUAW—Originated in Oklahoma, and is one of the most popular varieties of Cotton in this section of the country. The grains present a combination of colors, some are red, others yellow, blue and white. Most of the Corn runs to blue and white grains and is very uniform in size. It is a beautiful Yellow Cotton, a very deep red and uniform in size. It is a splendid yielder, making from 50 to 75 bushels per acre, and matures in 90 to 100 days. The ears are usually 10 to 12 inches in length and the circumference is from 2 1/2 to 3 inches to the ear. This is really selected hand-shelled corn. **Price, qt., 30c, postpaid; pk., \$1.25; bu., \$4.75.****



# Lang's Seed Corn Department

Grown For Seed, Selected, Graded and Tested



**WAR PRICES**—My catalogue must be sent to the printer long before it is ready to mail to you, consequently I can only indicate the prices on grain seed prevailing at this writing. With war on, no man can predict what grain seed will sell for at planting time. I am doing everything in my power to prepare to supply my customers at the lowest possible prices, but I shall supply nothing but high-grade seed. In this year of food scarcity planting poor seed is almost a crime, and I intend to see to it that my trade has first-class seed, so that first-class yields and top quality may be expected. Write for prices on your needs.

**IOWA SILVER MINE**—It is a pure white corn, with large ears, often measuring 19 to 21 inches in length and weighing as high as 1½ pounds each. Kernels are of unusual length, usually rough at the outer ends, and ears are splendidly filled out at the tips. The corn matures in about 100 days. By mail, postpaid, 1 lb., 25c. By freight, qt., 15c; pk., \$1.50; bu., \$8.25; 2 bu., \$10.25; 5 bu., \$25.00; 10 bu., \$48.50. Sacked free.

**HICKORY KING**—Hickory King is a white variety of field corn which has the largest grains with the smallest cob of any corn in existence. The grains are so large and the cob so extremely small that when the ear is broken in two pieces a single grain will cover completely the cob section. This corn is of very vigorous habits, is a splendid and sure cropper, is especially well suited to light or thin soil, and is a very desirable variety. Produces 2 to 3 ears per stalk; matures in 110 days. Qt., 35c; pk., \$1.25; bu., \$4.75.

**NATIVE GROWN MEXICAN JUNE CORN**—This variety has become well known among the most progressive farmers of the Southwest, having proven itself worthy of a high place in the corn family of the Southern States. There are a few localities in Texas and Mexico where the true sort can be found, and we have been fortunate enough to secure a strain that has given our customers the highest degree of satisfaction.

Our Native June Corn has been produced originally from seed imported from central Mexico. The stalks under favorable conditions grow from 7 to 8 feet high, and yields average from 30 to 60 bushels per acre. For best results it should be planted during the months of June and July. Of a strong growth; it sends its roots deep into the soil, enabling it to resist drought and hot summer winds better than any other sort. Price, qt., 30c, postpaid.

**GIANT WHITE (Red Cob)**—This corn has more notes of distinction than any other variety. It has red cob and large white grains. The Giant White makes the finest meal, roasting ears and hominy, and is the finest quality of corn that grows. Splendid yielder. Ears medium size, 8 to 10 inches in circumference, with 16 to 18 rows to the ear. Grains very large, being deep, wide and thick. Stalk medium size, height 7 to 8 feet, with abundant fodder. Matures in 100 to 110 days. Selected, hand-shelled seed. Qt., 35c, postpaid.

**BLOODY BUTCHER**—Our crop of Bloody Butcher was grown here in Dallas County this past season, by a member of the Dallas County Boys' Corn Club, under the supervision of a Dallas County United States Department of Agriculture Agent. This corn made an average yield of 60 bushels to the acre. It is by far the truest type of this variety that we have had in a number of years, and we can recommend it to our customers as absolutely the best of its variety that can be grown.

Bloody Butcher Corn is a most beautiful large grain Red Corn, an abundant yielder, has large, handsome ears, measuring 19 to 12 inches long, and contains from 15 to 20 rows of splendid deep grains. Qt., postpaid, 50c; pk., \$1.25; bu., \$4.50.

**CHAMPION WHITE PEARL**—An extra early pure white variety of dent Corn. Matures in 85 to 90 days from time of planting; is very productive and the ears are exceedingly heavy, great favorite with many planters. Qt., 30c, postpaid; pk., \$1.25; bu., \$4.50.

**GIANT STRAWBERRY**—We consider this to be the finest variety of corn to grow for seed. It is very productive and makes fine, big ears. First-class seed of this variety is very scarce this year. We have been fortunate in securing a good supply from the best corn breeders in North Texas, and offer fancy selected hand-shelled seed at: Qt., 30c, postpaid; pk., \$1.25; bu., \$4.50.



**IOWA GOLD MINE**—A popular Yellow Dent corn, originated in Iowa. This corn, since its introduction a few years ago, has attained wide popularity. The ears are of good size and shape, and of a bright, golden yellow color; has very long grains and small red cob; matures in about 95 days and has given fine satisfaction throughout the corn belt. Our seed was grown from direct headquarters' stock. By mail, postpaid, 1 lb., 25c. By freight or express, qt., 25c; pk., \$1.50; 1 bu., \$5.25; 2 bu., \$10.25; 5 bu., \$25.00.

# Sudan Grass—A New Forage Crop of Immense Value to the Southwest

The U. S. Department of Agriculture introduced this new forage plant into the United States in 1909, the seed being brought from Sudan, Egypt, and seed produced was distributed the following year to experiment stations of the different states. The fifty crop has been grown in the United States under widely varying climatic conditions. The results have been so satisfactory that it is now established as one of our permanent forage crops.

Sudan is a tall, annual grass, reaching a height of from seven to nine feet when planted in rows and allowed to mature for a seed crop; broadcasted and cut "in the bloom" for hay, about four feet.

The hay is softer than Johnson Grass or sorghum, the stems are smaller and more leafy. It is, however, entirely distinct, being strictly an annual, hence not spreading like Johnson Grass. It dies each year like sorghum and millet, and must be seeded each spring. It stands very freely, throwing out many stems from one crown.

It is easily cured and handled as a hay crop. Stock of all kinds eat it readily and will leave any other hay for it.

For a seed crop plant 2 lbs. seed per acre, in rows 36 inches apart. For hay crop broadcast or drill 12 to 20 lbs. to acre. Yields 500 to 1,000 lbs. seed or three tons cured hay per cutting per acre with nearly flat. Three pounds will plant an acre. Price, 35¢ per lb., postpaid. Not postpaid, lb., 30¢; 5 lbs., \$1.25; 10 lbs., \$2.25. Special price on 100 lb. lots.

**RED KAFIR CORN**—Grows taller than the white; stalks slender, juicy and tender. The seed is red, smaller than that of the white, and hard and brittle. Ripens earlier than that of the white and yields much heavier. **Lb., 20¢, postpaid; by freight or express, lb., 10¢.**

**WHITE KAFIR CORN**—Grows 4 to 5 feet high. The stems are very leafy and keep green and brittle, unlike other sorghums, which harden. Makes excellent fodder, either green or dried. For grain, sow 10 pounds to the acre, fodder, sow from one-half to one in drills. **Lb., 20¢, postpaid; by freight or express, lb., 10¢.**

In rows 3 feet apart. For bushel, either broadcast or freight or express, lb., 10¢.

**JERUSALEM CORN**—The best and surest grain crop for dry countries—even better than Kafir Corn, Dhoura and Milo Maize. It grows from 3 to 5 feet high, makes one large head on the main stalk, and several smaller ones on the side shoots; eight heads sometimes grow on one stalk. The grains are pure white and nearly flat. Three pounds will plant an acre. **Lb., 25¢, postpaid; by freight or express, not prepaid, lb., 15¢.**

**FETERITA**—Feterita grows about five feet high on an average, and a crop it looks very much like a crop of kafir or dwarf white milo. The heads grow up straight like kafir and are a little larger around but not quite so long. The grain is white like kafir and grows about twice the size. It is softer than kafir or milo grain and is liked better by all kinds of stock. Feterita matures from 40 to 60 days earlier than kafir and is therefore well adapted to countries with short seasons, or can be grown as a second crop where the seasons are long, after the wheat or oat crop. After being tested in Western Oklahoma for three years, it has been found to have much greater drought-resister than kafir or milo. Last year, the driest year the farmers of Oklahoma have ever experienced, with less than three inches of rainfall for the entire year, Feterita grown by the side of kafir or milo produced from 20 to 35 bushels per acre, while the kafir and milo produced from 10 to 25 bushels. This year there is a difference of from 15 to 25 bushels in favor of Feterita. Feterita has the same feed value for feeding all kinds of stock or poultry that kafir or milo has. **1 lb., postpaid, 25¢.**

**EGYPTIAN WHEAT**—A valuable grain for stock feeding. Plant like kafir corn or milo maize. Makes valuable forage as well as heavy yield of grain. **Lb., 30¢, postpaid; by freight or express, not prepaid, lb., 20¢.** Write for prices if wanted in quantity.

## BROOM CORN

**IMPROVED EVERGREEN**—Grows about 8 to 10 feet high. Stands up well and is entirely free from crooked brush. **Lb., 25¢, postpaid; by freight or express, not prepaid, lb., 15¢; 25 lbs., \$2.50; 50 lbs., \$4.50.**

**DWARF**—Grows 4 to 5 feet high and makes straw of finest quality. **Lb., 25¢, postpaid; by freight or express, not prepaid, lb., 15¢; 25 lbs., \$2.25; 50 lbs., \$4.25.**



## MILO MAIZE

**DWARF**—Grows only about 4 feet high, and makes a small stalk as compared with the old style of milo maize. Produces extra large heads. Extra retained seed. **Lb., 20¢, postpaid. Write for prices on quantities.**

**WHITE MILO MAIZE**—Very similar in habit of growth to the old milo maize, the grain about the same size but pure white. The yield will almost double the size and twice the weight. Very dwarf in growth, with heavy stalks.

Our supply of seed is very limited this year and we offer as long as it lasts at the following low introductory price: **Lb., 25¢, postpaid. Write for prices.**

## SCHROCK—Kafir

It resembles kafir in waiting for rain, the leaves rolling up in day-time. Leaves stay green always until killed by frost. It never falls down nor lodges, and the heads never droop, nor are there any crook-neck heads. Chinch bugs do not bother it as they do milo. Seed never shatters, no matter how long it stands in field. It threshed out much more from a pile than one would expect, and is about as heavy as kafir. The seed is readily eaten by anything that will eat kafir. Cattle and horses eat the stalks as readily as they do sorghum canes of any kind. It is as early as Feterita and seems to be as good drought resister as kafir. If anything better, and is apparently, from my observation, a better seed producer than either of the three. Is very uniform in height, from 3½ to 4 feet high. A field headed out looks level on top.

Seed heads can be stacked, cut by thousands, without heating, weeks before the leaves are killed by frost. A wheat header will work to perfection on it, as well as corn binder. It makes fine, leafy hay when well sown broadcast or drilled, and grows just a nice height to be handled with a wheat binder or a pitchfork, if cut with a mower.

Everything likes the hay. As you will see from this and later know from observation, it has several advantages over Feterita, in that the seed does not shatter, the stalks do not fall or lodge and seed all gets ripe at once. Also the fodder and the stalk make the best of feed, which is not true of Feterita. **Lb., postpaid, 30¢.**



## SEED RYE

**Fall or Winter**—The time for sowing is from the middle of August to the last of September. One plowing is given and the seed sown broadcast at the rate of one and one-half bushels per acre and dragged in. Harrowing and rolling in the spring are recommended.

**Spring**—Although this grain is often planted by farmers, especially for the paper makers, who prefer it to any other, its principal value is as a "catch" crop, to sow where winter grain has failed.

**NEW ABRUZZI RYE**—Introduced by the United States Department of Agriculture about twelve years ago from Italy, and found to be perfectly adapted to the South. Within the past few years there has been quite a big demand for this new variety of Rye, for it has made good in every Southern State, without exception. This splendid new Rye stools quicker and heavier than any Rye I ever saw, and covers the ground quickly. It can be pastured fully a month to six weeks earlier than any other variety of the Lower South. I believe that this new sort will eventually displace all other varieties of Rye in the South, and urge you to plant at least a portion of your acreage in it this year. Prices, postpaid: lb., 50c; 3 lbs., 80c. By express or freight, not prepaid: pk., \$1.10; bu., about \$3.50.

## WHEAT

**BLUE STEM or MEDITERRANEAN WHEAT**—A variety that has been greatly favored by many Southern growers for years. Has stood up well under all tests by experiment stations and is a splendid yielder. A smooth variety, good for grain, as well as for hay purposes. Prices, postpaid: lb., 50c; 3 lbs., 80c.

**RED MAY WHEAT**—The South has produced this past year its largest wheat crop and this variety, so far as this particular section is concerned, has helped much in increasing the yield. I did not realize the advantages this variety possessed over most of the others adapted for the South until my customers began to report to me the splendid success they had had with Red May and its superiority over other varieties. The bulk of my seed wheat sales last year were for this variety. I could not obtain nearly enough to supply the demand. It is a beardless variety, earlier than many other sorts, is thoroughly standard and is increasing in popularity each season. The seed I offer you is carefully selected, thoroughly clean and absolutely true to type. If you plant for grain production this variety will suit your purposes admirably. Can be used for hay when cut "in dough." If you plant more than one variety let this sort make up the bulk of your acreage. Price, postpaid, lb., 30c.

**MIRACLE WHEAT**—We have a very fine lot of selected Miracle Wheat, which was especially grown for seed. No doubt you have found that the Miracle Wheat did exceptionally well for 1918 season, outyielding all other varieties under the same conditions. Price: pk., —.

Due to the unsettled condition of the wheat market, prices are continually changing, and if you are in the market for a large quantity of wheat, we would advise that you write for special prices.

**HARVEST QUEEN SMOOTH HEAD**—Two weeks earlier than Mediterranean and very productive. This variety made a yield this year of 30 bushels per acre and of very high grade.

## SPRING BARLEY

**SUCCESS BEARDESS**—The earliest Barley in cultivation. Grows about as high as common Barley, but has stiffer straw, which enables it to stand up well on any soil. It yields immensely. On good soil it has produced 30 bushels per acre. It

is of excellent quality for both malting and feeding hogs. Although Barley has proven a most profitable crop, farmers have been reluctant to grow it on account of the long harsh beard, which proves very annoying in threshing. This disadvantage is entirely eliminated in this variety, as it is absolutely beardless and is as easily handled as oats. Lb., 20c; 2 lbs., 50c, postpaid. By freight or express.

**BEARDED WINTER**—Makes excellent winter grazing and yields from fifty to seventy-five bushels per acre. We sell immense quantities of this sort every fall. Pk., —; 10 bu., —

## SORGHUM

**EARLY ORANGE**—With taller and heavier stalks than the Early Amber, although is not quite as popular. It is not as early as the Amber, but is a very good producer. It is considered better for syrup purposes. Very desirable for feed purposes also. Prices, postpaid: lb., 20c; 4 lbs., 75c; 10 lbs., not prepaid, \$1.00; 100-lb. lots or over, about 8c per lb.

**RED TOP, or SUMAC CANE**—This has proved to be a valuable sort. Seed is smaller than that of either the Amber or Orange. Produces an immense quantity of feed. Fine for silage or green feed, and is also excellent for hay. Prices: postpaid, lb., 20c; 4 lbs., 75c; 10 lbs., not prepaid, \$1.00; 100-lb. lots 8c per lb.

**EARLY AMBER**—The leading and most popular variety. It is green or cured, which is relished by all stock. No farmer can make a mistake by selecting this variety for green feed and silage purposes. Also makes syrup of excellent quality. Prices: postpaid, lb., 20c; 4 lbs., 75c; 10 lbs., not prepaid, \$1.00; 100-lb. lots or over, about 8c per lb.

## GRASSES

**KENTUCKY BLUE GRASS** (Poa Pratensis)—It is the best pasture for the climate and soil, succeeding finely on hill lands, and producing the most nourishing food for cattle, retains its qualities to a late period in winter. Sow early in spring or during the months of October and November. Fancy clean seed, lb., 40c, postpaid; not postpaid, 10 lbs., \$5.50.

**ITALIAN RYE GRASS** (Lolium Italicum)—Thrives in almost any soil, and yields early and abundant crops. Sown in the fall will produce an excellent hay crop the following season, but lasts only one year. Lb., 35c, postpaid.

**BERMUDA GRASS** (Cynodon Dactylon)—One of the most valuable grasses for pasture and hay in the South, where it will stand indefinitely if plowed and harrowed in the spring once every four or five years. Bermuda Grass has generally been established by planting the roots. However, it is just as easy to get a good stand if good seed is sown. Sow from March to July at the rate of 8 or 10 lbs. per acre. Do not cover more than half an inch. Best grade of new crop seed, thoroughly re-cleaned. Lb., 90c, postpaid; not postpaid, 80c.

**JOHNSON GRASS** (Sorghum Halapense)—Perennial grass, with long, cane-like roots. Leaves, stalks and panicles resemble those of sorghum. 25 to 30 pounds are sown to the acre. Lb., —, postpaid. By freight or express.

**MARKET PRICES**—When this catalog goes to press it is impossible for us to give you close prices on sorghums, millets, kafir corn, etc. We want you to write us for delivered prices when ready to buy in quantity. We can often save you money. We are always glad to show you the lowest cost price delivered at your station, and mail samples when requested.



Kentucky Blue Grass

## Field Beans and Peas

The Field Bean, both as a soil builder and a feed producer, is the greatest legume crop in existence, making a larger growth of vine and a heavier yield of seed. Any land that will make 20 bushels of corn will easily make a ton of beans in the hull, in addition to the corn crop, without in the least injuring the yield of corn. They do make the corn some trouble to gather, but that is the only objection that can be brought against it. But if you will consider the fact that you have doubled the feed value of every acre planted that objection disappears.

The crop is made at no additional expense except the seed and as a bushel will plant 8 to 10 acres, that is a small item; the same cultivation makes both crops.

The beans gathered and crushed make one of the finest feeds for all farm stock, both as a growing or fattening feed, or the beans can be left in the field and grazed all winter, as they remain in a palatable condition until time to begin spring operations.

As a soil builder, the Florida Experiment Station found a good crop of Velvet Beans turned under to be equal in fertilizing value to a ton of the best cotton seed meal, besides adding vastly to the supply of humus in the soil.

The method of planting all through this section, and the best system, is two rows of corn and a row of beans. If you plant corn earlier than it is safe to plant the beans, you can put in the beans at any time after corn planting, dropping a single Early Speckled Bean every 2 feet and a single Chinese every 4 feet apart in the row.

**EARLY SPECKLED VELVET BEANS**—The Early Speckled is a sport from the old Speckled variety which originated in Georgia. It closely resembles the older variety except in earliness and vine growth, making a little more than half as much vine with a ripening season only a few days later than Yokohama and a sure crop anywhere in Georgia, Alabama, Mississippi, fully as heavy cropper as the Old Speckled. Seed very similar; be sure of true stock. Prices: lb., 25c, postpaid; not prepaid, lb., 15c; pk., \$1.35; ½ bu., \$2.50; bu., \$4.50.

**CANADIAN FIELD PEAS**—Valuable for cattle and hog feeding, especially for milch cows. Sown broadcast in spring, harrowed in, at the rate of two bushels per acre, or one bushel if sown with oats. Prices variable; about: pk., \$2.00; bu., \$7.00; 2 bu., \$13.00.



Soy or Soja Beans

### SOY OR SOJA BEANS

**MAMMOTH YELLOW**—The largest growing and most popular of all Soy Beans, and is the one kind that you should plant. Grows three to five feet high. Being a tender annual, it should

not be planted until all danger of frost is past and the weather is warm and dry. Matures in 120 days. Owing to the high prices being paid by oil mills for Soy Bean seed, it looks as though prices will advance before planting time, so I urge you to send me your order at these very reasonable prices without delay. Prices: pkt., 10c; pt., 25c; qt., 40c, postpaid. Not prepaid, pk., \$1.50; bu., about \$5.00. Write for special prices when ready.



### FIELD OR COW PEAS

**THE COW PEA**—Resembles the Bean. It is an annual and very sensitive to frost. The plant varies in habit and growth and variety, from an upright bush-like form, to a mass of low-trailing vines many feet long.

**WHIPPOORWILL**—Has brown, speckled seed, easily gathered on account of the upright, bushy growth of the plants. A great favorite on account of its early maturity. Lb., 20c, postpaid. Write for prices on quantities.

**WONDERFUL, or UNKNOWN**—In yield and in growth of vines surpasses any other varieties; requires a long season and should be planted in May. Lb., 30c, postpaid. Write for prices.

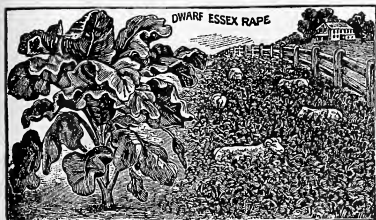
**LARGE BLACK-EYE**—The dry peas, which are produced in large quantities, find a ready sale during the winter. Vines furnish excellent forage. Lb., 25c, postpaid. Write for prices.

**CREAM PEAS**—Plants form sturdy bushes which produce the pods in bunches. These are of creamy yellow color. Lb., 25c, postpaid. Write for prices.

**BROWN CROWDER PEAS**—This is a native Texas Pea, exceptionally fine for table use and very prolific. Lb., 25c, postpaid. Write for prices.

**ABOUT PEAS AND BEANS**—The market on Cowpeas and Field Beans is not yet established when this page of my catalog is sent to the printers and I can only indicate what the probable price will be. The market on peas and beans is constantly fluctuating from week to week and I suggest that you write for prices when you are ready to purchase and I will promptly send you my rock-bottom prices for choice, fresh, re-cleaned seed peas and beans. Keep in mind that all of my Cowpeas and Field Beans are thoroughly cleaned.





## Dwarf Essex Rape

**True Stock  
The Very Best  
Yields Immense Crops**

Sow in summer for fall and winter pasture. It is especially good for sheep, but all kinds of stock and chickens are fond of it and do well on it. It comes at the time of year when most needed. It grows best late in the summer or fall and yields an immense amount of feed. Will produce twelve tons of green food per acre. Its nutritive value is twice that of clover. One acre of Rape will furnish pasture for twenty head of sheep for two months. It is good to use as a "catch crop" sown on ground where other crops for some reason have failed, as it grows quickly. Sow 5 pounds to the acre, broadcast. Pkt., 10c; lb., 35c, prepaid. Not prepaid, lb., 25c.



## SUNFLOWER SEED

One of the best egg producing foods known for poultry. It can be planted any time until July and will bring a large crop. Just what you need to fill up the vacant spots in your garden where the soil is not easily cultivated. The flowers are double the size of the common varieties. Lb., 20c; 5 lbs., 75c, postpaid.



The peanut does best in light, sandy soil, tolerably high. They should be planted in rows 3½ feet apart and 2 feet apart in the row. Drop two or three good peas in each hill, cover about two inches.

Six or eight quarts of shelled nuts to the acre.  
Virginia White—Per lb., 20c; 10 lbs., \$1.75, postpaid.  
Tennessee Red—Per lb., 20c; 10 lbs., \$1.75, postpaid.  
Red Spanish—Per lb., 20c; 5 lbs., 50c, postpaid.

## Vetches

**The Wonderful Sand or Hairy Vetches. (Vicia Villosa)**

Also called Winter Vetch. This useful plant is noted for its extreme hardness and is valuable for forage and fertilizing purposes. It is an annual, but drops its seeds freely and will come up year after year on the same ground. The Department of Agriculture estimates the value of an acre of Vetch, plowed under, equivalent to \$16.00 worth of commercial fertilizer. A sowing made in August or September covers the ground before winter, and prevents washing during winter and early spring. It can also be sown in April and will be ready to cut by the middle of July, the second growth affording excellent hog pasture during the summer. The yield of forage varies from 10 to 15 tons per acre, equal to 3 or 4 tons when cured as dry hay. Sow in drills, using 30 lbs. per acre. Lb., 10c, postpaid. Not prepaid, 10 lbs., \$3.50.

## Big Yielding Millet

**GERMAN MILLET**—It has produced from four to five tons of hay to the acre, and from seventy to eighty bushels of seed. It is sown in the spring, and after harvesting leaves the ground in the finest condition for wheat. Sow thirty to forty pounds to the acre. 10 lbs., 85c, not postpaid.

**HUNGARIAN**—Sow broadcast at rate of 20 to 30 pounds to the acre. 10 lbs., 85c.

**COMMON MILLET**—Sow in drills or broadcast from May to last of July. 25 to 30 pounds to the acre. 10 lbs., 85c.

**PEARL MILLET**—Grows from 8 to 10 feet high; makes a splendid hay. Sow 3 to 5 pounds to acre. 1 lb., postpaid, 35c. Not prepaid, 10 lbs., \$2.50. Write for prices in larger quantities.

**NEW JAPANESE BARNYARD MILLET**—Entirely distinct from any other variety. Grows 6 feet high and yields enormously. Has been called "Billion Dollar" grass. Per lb., 25c, postpaid; 1 lb., not prepaid, 20c; 10 lbs., \$1.50.

## Red Rust Proof or Red Texas Seed Oats

Very early, rust proof, does well on thin ground and does not lodge; will bear neglect or a bad season and still make a crop. Originated in Grayson County, Texas. Yields enormous crops of heavy golden yellow grain. Our stock is the very finest and grown from pure Texas seed. Fl., 45c; bu., \$1.50.



# Vegetable Seeds

**Seeds that will grow.**  
**Try us and you will come again**

Your orders, no matter how large or how small, will always receive our prompt attention.  
ALL SEEDS sold in packet, ounce, pound, pint and quart go prepaid by mail, unless it be varieties listed by express or purchaser's expense.  
ALL SEEDS in lots over one pound, gallon, bush, peck, etc., go by express or freight at purchaser's expense, the price having been reduced to the lowest figure for choice stock.

## DISCOUNT ON SEEDS IN PACKAGES AND OUNCES ONLY.

\$1.00 orders may select seeds to the value of.....	\$1.25	\$4.00 orders may select seeds to the value of.....	\$ 5.00
2.00 orders may select seeds to the value of.....	2.50	5.00 orders may select seeds to the value of.....	5.25
3.00 orders may select seeds to the value of.....	3.75	10.00 orders may select seeds to the value of.....	13.00

No discount on pints, quarts, pounds, etc.

## CRESS

A well known pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.  
**CURLED**—Very fine for salad; will bear cutting several times.  
Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 75c.

## BEANS

The crops of Bush Beans are the shortest ever known, especially the wax varieties, many growers reporting some varieties an entire failure. This shortage is general all over the bean growing district. We might state that we will not be able to fill any large orders for Bush Beans.  
We have our stocks grown on contract by one of the most reliable Bean Seed growers in Michigan, and feel sure they will give the best of satisfaction.



## BUSH WAX PODDED

**IMPROVED GOLDEN WAX (Rust-proof)**—Very valuable, rust-proof strain of Golden Wax, which stands drought remarkably well. Pods rather flat, nearly straight, fleshy and of highest quality. Pkt., 10c; pt., 50c; qt., 95c.

**DWARF GERMAN BLACK WAX**—Very prolific strain of the Black Wax, with long, round pod of attractive, waxy yellow color. Solid, tender, and of good flavor. Pkt., 10c; pt., 50c; qt., 95c.

**WARDWELL'S KIDNEY**—Quite extensively grown in Southern Texas for shipping to distant markets. Very prolific early sort, with long, flat, brittle pods of golden yellow color. Pkt., 15c; pt., 60c; qt., \$1.00.

## Bush Green Pods

**EXTRA EARLY RED VALENTINE**—This is a round pod bean, very tender and the earliest of all bush beans, very desirable for the home garden; it develops earlier by 15 days than other bush varieties and is one greatly grown by our truckers. On account of its earliness and bountiful yield of long pods of fine qualities, we recommend this variety to those desiring early beans. Pkt., 10c; pt., 50c; qt., 95c.

**GLANT STRINGLESS**—One of our most prolific producing varieties, somewhat later than the Early Valentine, but a more abundant producer, of a longer standing, and will not be damaged by a slight frost. Pkt., 10c; pt., 50c; qt., 95c.

**BURPEE'S STRINGLESS**—This is the most popular of our green pod beans and the varieties most planted by our market gardeners. A nice flat pod 5 to 7 inches long and a wonderful producer, absolutely stringless. For our home gar-

dens we highly recommend this variety. It will please the home gardener. Pkt., 10c; pt., 50c; qt., 95c.

**TENNESSEE GREEN POD**—This early intermediate snap bean is very popular in some sections of the South and where known in other parts of the country is considered of exceptional merit. It is the longest podded dwarf sort. The plants are large, somewhat spreading and prolific. The foliage is dark green, with leaves large and crumpled. The pods are very long, often six to seven inches, flat, irregular in shape, bright but rather dark green and of exceptionally fine flavor. The green shell pods are much depressed between seeds. Seed of medium size, oval, flat, yellowish brown in color. Pkt., 10c; pt., 50c; qt., 95c.

**LONGFELLOW**—Vigorous in growth, 16 inches tall, bearing abundance of pods 5 to 6 inches long; round, slightly curved, stringless when young, of good quality. Seed small, long, color mostly a dark red, relieved by blotches and markings of a lighter shade. Prepaid, pkt., 10c; pt., 50c; qt., 95c.

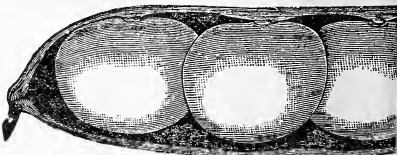
**REFUGEE, or THOUSAND TO ONE**—Somewhat later than the other green podded sorts, but very prolific, nearly round, pale green pods, which are quite fleshy, but have light strings. They are about five inches long, brittle and of good flavor. Pkt., 10c; pt., 50c; qt., 95c.

## POLE OR CLIMBING SORTS

**THE KENTUCKY WONDER**—The greatest of all pole beans, almost a continuous bearer, producing pods 6 to 9 inches long, which are very tender. This bean is mostly planted in hills with the corn and very popular with the home gardener as they desire a vine to grow on the fences and at the same time be a profitable one. Pkt., 10c; pt., 50c; qt., 95c.

**WHITE CREESEBARK**—Mostly planted by our country cousin on account of its wonderful producing qualities. The pods are produced in clusters 6 to 8 inches long and are very hardy, which makes it a most desirable canner. Pkt., 10c; qt., 45c; qt., 95c.

**LAZY WIFE**—A remarkably variety, not only for its great productiveness, but also for its fine quality; the pods are produced in clusters, and almost a handful can be grasped at once; are stringless when young, also make a fine shell bean. Pkt., 10c; pt., 45c; qt., 95c.



## Bush Lima Beans

**HENDERSON DWARF OR BUSH LIMA**—A very desirable variety for the home gardener and a prolific producer. Pkt., 10c; pt., 50c; qt., 95c.

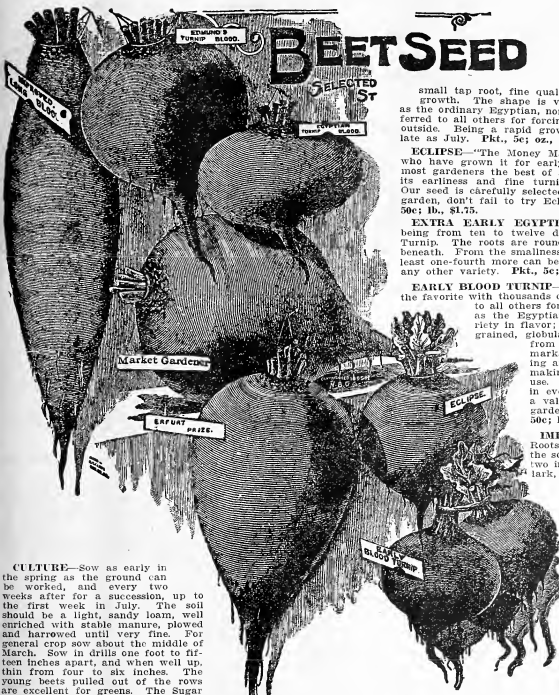
**BURPEE'S BUSH LIMA**—A true bush form, growing 18 to 20 inches high; an immense yielding variety, each bush being laden down with very large beans of luscious flavor. Pkt., 10c; pt., 50c; qt., 95c.

## Pole Lima Beans

**SMALL WHITE LIMA OR SIEVA**—A very early variety, valuable for the truck growers on account of its wonderful productiveness. Pkt., 10c; pt., 50c; qt., 95c.

**KING OF THE GARDEN**—This is the large variety, very productive and will bear until frost if picked often and not allowed to ripen on the vines. Pkt., 10c; pt., 50c; qt., 95c.

# Beets of Your Choice



**CULTURE**—Sow as early in the spring as the ground can be worked, and every two weeks after for a succession, up to the first week in July. The soil should be a light, sandy loam, well enriched with stable manure, plowed and harrowed until very fine. For general crop sow about the middle of March. Sow in drills one foot to fifteen inches apart, and when well up, thin from four to six inches. The young beets pulled out of the rows are excellent for greens. The Sugar and Mangel Wurzel varieties should be sown from March to June in drills 1 to 5 feet apart, and afterwards thinned out to one foot apart in the rows.

## STOCK BEETS

### MANGELS FOR FEEDING STOCK.

**GIANT FEEDING SUGAR BEET** (or Half Sugar Mangel)—Easily grown and harvested, and combines the highly nutritive value of a Sugar Beet with the large size of a Mangel Wurzel. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c. Not prepaid, lb., 80c; 10 lbs., \$7.50.

**MAMMOTH GOLDEN TANKARD**—Flesh a golden, and of great milk producing qualities. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**MAMMOTH LONG RED**—Grows to very large size and good keeper. Pkt., 5c; oz., 10c; lb., 90c.

## BEET SEED

small tap root, fine quality, and above all, quick, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Preferred to all others for forcing in frame, or for first sowing outside. Being a rapid grower, it may be sown outside as late as July. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**ECLIPSE**—"The Money Maker," as it is called by those who have grown it for early market. It is pronounced by most gardeners the best of all table beets for their use, as its earliness and fine turnip shape insures a quick sale. Our seed is carefully selected. If you have a place in your garden, don't fail to try Eclipse. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**EXTRA EARLY EGYPTIAN BLOOD**—A standard sort, being from ten to twelve days earlier than the old Blood Turnip. The roots are round on top and slightly flattened beneath. From the smallness of the tops of the Egyptian, at least one-fourth more can be grown on the same space than any other variety. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**EARLY BLOOD TURNIP**—Select stock. The old standby, the favorite with thousands of gardeners; by many preferred to all others for general use. It is not as early as the Egyptian, but surpasses the latter variety in flavor; color, dark, rich red; roots fine grained, globular shape, with small top; free from side or fibrous roots, always remarkably smooth. Excellent for forcing and a very superior keeper, thus making it also desirable for winter use. Cooks sweet, tender and crisp; in every way we recommend this as a valuable sort for market or home gardeners. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**IMP. LONG SMOOTH BLOOD**—Roots long and slender, penetrating the soil deeply, but seldom more than two inches in diameter. The flesh is lark, tender, sweet and free from woodiness. Tops small, good keeper. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**DETROIT DARK RED**—Very popular sort, used extensively by market gardeners as well as private planters. It matures early and roots are of splendid shape and good color. The tops are small and upright growing, which makes possible close planting. The roots are globular and smooth, the skin is dark, blood-red, the flesh bright red, with lighter zones. The beets are very tender, sweet and crisp and remain so for a long time. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

## SWISS CHARD

### GROWN FOR LEAVES ONLY.

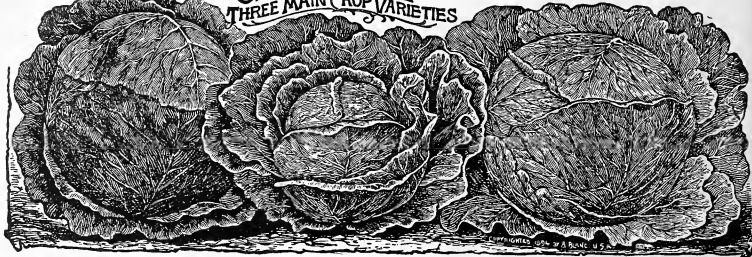
**SWISS CHARD**—After once having used Swiss Chard for greens we believe your garden will always have at least a row of Swiss Chard; it is delicious when it is served like asparagus or spinach, by using the outer leaves. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

## BRUSSELS SPROUTS

### Col de Brussels—Rofentohl

Brussels Sprouts are a very delicate vegetable and deserves a more general cultivation than they receive. The plant belongs to the cabbage family, and should be grown and cultivated like cabbage. The "sprouts" which grow around the strong, upright stems of the plant look like miniature cabbages. Very hardy; improved by frost. One ounce will produce 2,000 plants. Pkt., 5c; oz., 25c.

# CABBAGE THREE MAIN CROP VARIETIES



Succession

Early Summer

Surehead

**EARLY SUMMER**—(See cut). Our strain of this standard early variety has been carefully selected each season, and we pride ourselves on being able to offer a strain of Early Summer that cannot be surpassed. It grows as large as many of the medium and late sorts, and is valuable for its quick growth, handsome shape and splendid quality. Many gardeners grow this in preference to any other cabbage. Pkt., 10c; oz., 75c; ¼ lb., \$2.50; lb., \$7.50.

**EARLY DWARF FLAT DUTCH**—A standard sort that seems to increase in popularity each season. The plants are short-stemmed and upright with comparatively few and short leaves, so that they may be planted very close together. Heads are of large size, very solid and with our test are found to mature about the same time as Early Summer, and will stand longer than that variety without bursting. Our seed has been carefully saved, and we believe it superior to that offered by other houses. Pkt., 10c; oz., 75c; ¼ lb., \$2.25; lb., \$8.50.

**EARLY YORK**—Very early, heads small, not quite as large as Jersey Wakefield; very tender and sweet. Pkt., 10c; oz., 50c; ¼ lb., \$2.00; lb., \$7.50.

**JERSEY WAKEFIELD**—Carefully selected seed. For over twenty years Jersey Wakefield has held its own with other cabbages, and our enormous sales of this variety every season prove to us that it is still one of the most popular sorts ever introduced. Our seed is true and carefully saved from selected heads. They are conical or pyramidal in shape, have few outside leaves and can therefore be grown very close together. Pkt., 10c; oz., 50c; ¼ lb., \$3.00; lb., \$10.00.

**EARLY WINNINGSTADT**—An old standard variety that is without doubt the hardiest of all the cabbages. Vigorous in habit and seldom affected by heat, drouth, frosts or insects. A second early pointed sort that is certain to head in almost any kind of season. It is a sure header and will grow a hard head under circumstances where most would fail. It seems to suffer less from the cabbage worm than other sorts. Heads are regular conical, very hard and a good keeper. There are dozens of strains of this variety on the market, but we have as yet to find one that is equal to the one which we offer in either earliness, size or uniformity of heading. Pkt., 10c; oz., 75c; ¼ lb., \$2.50; lb., \$9.00.

**COPENHAGEN MARKET**—The earliest, large round headed Cabbage yet introduced. The heads are exceptionally large for so early a variety, very solid and of most excellent quality. The plants are vigorous but compact, with short stem and few outer leaves, which are of rather upright growth. The leaves are medium light green, nearly round, comparatively thick and smooth. This is a most excellent sort, both for the home garden and market gardening trade. Pkt., 10c; oz., 90c; ¼ lb., \$3.25; lb., \$12.00.

**EARLY DRUMHEAD, or SHORT STEM**—One of the best seed-  
 ond early varieties. Head large, flat, compact, solid and of fine quality. Price: pkt., 10c; oz., 50c; ¼ lb., \$2.00; lb., \$7.50.

**CHARLESTON WAKEFIELD**—A very popular variety with market gardeners in the South. It is about a week later than Early Jersey Wakefield, but the heads are nearly one-half larger; does not burst when ripe, like most early sorts, and can be left standing in the field some time without damage. Pkt., 10c; oz., 50c; ¼ lb., \$2.60; lb., \$10.00.

## MEDIUM AND FLAT SORTS

**ALL SEASONS**—Heads large, solid and of excellent keeping qualities. Fine for shipping purposes. A splendid cabbage for general use. This variety is extensively grown by market gardeners in the East, where it is considered one of the very best sorts for marketing. The heads are of good size, almost round and slightly flattened. Plants are vigorous in habit and seldom fail to produce a solid head, even in the poorest seasons. It is said to be able to withstand drouth and hot sun better than almost any other midsummer cabbage. In quality, tenderness and flavor no Drumhead can surpass our selected strain of All Seasons. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$7.00.

**SUREHEAD**—Large, solid heads; a fine shipper. Pkt., 10c; oz., 60c; ¼ lb., \$2.00; lb., \$7.50.

**SUCCESION**—(See cut). The best general crop cabbage in the world. Surest heading late sort. Keeping qualities unequalled. It is a large, round variety, with flattened heads. For shipping or home marketing it is the finest cabbage we know of. It will make a good large, solid head under the most trying circumstances, and will keep in fine condition longer than any other sort. Pkt., 10c; oz., 60c; ¼ lb., \$2.00; lb., \$7.50.

**HOLLANDER, or DANISH BALLHEAD**—Of vigorous compact growth, with stems rather longer than those of most American sorts. The plants are hardy, resisting cold and hot, dry weather alike. The heads are of uniform shape, handsome, solid, and of excellent keeping qualities. One of the best for shipping to distant markets or late spring use. Pkt., 10c; oz., 80c; ¼ lb., \$2.60; lb., \$10.00.

**PREMIUM LATE FLAT DUTCH**—This is a large, strong growing variety, requiring a considerable length of season in which to perfect the large, solid flat heads, and should be planted 2 feet apart in rich soil. Very popular where large, solid heads are desired for market. Pkt., 10c; oz., 60c; ¼ lb., \$1.75; lb., \$7.50.

## CABBAGE SAVOY

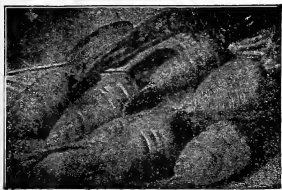
**PERFECTION DRUMHEAD SAVOY**—Savoy Cabbage is very much superior to ordinary Cabbage, as it is more tender and of finer flavor. For this reason it should be more widely cultivated, both for market or home use. Perfection Drumhead Savoy is an excellent strain, with large, solid heads of fine quality. Pkt., 10c; oz., 60c; ¼ lb., \$2.00; lb., \$7.50.

## RED CABBAGE

**MAMMOTH RED ROCK**—Largest and most solid of the red varieties; very tender. Pkt., 10c; oz., 75c; ¼ lb., \$2.25; lb., \$8.50.



## CARROTS



**CULTURE**—When it is possible to do so, it is advisable to sow as early in the spring as the ground is fit to work, though good crops may in this latitude be grown from sowing as late as May 1st, but one is less certain of good crops from such late planting. Prepare the ground thoroughly and sow in drills 18 to 24 inches apart, using one and one-half to three pounds to the acre, according to the distance between the rows. Cover one-half to one inch deep and see to it that the soil is well tirmed above the seed. As soon as the plants appear, use the cultivator or wheel hoe and do not let the weeds get a start. Thin from three to six inches apart in the row as soon as the plants are large enough. For winter use gather and store like beets and turnips. One ounce will sow 100 feet long.

**EARLY SCARLET HORN**—Stump root. Is popular for forcing and early outside sowing. Flesh deep orange, small tops. Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., \$2.50.

**OXHEART**—A desirable variety on soil too hard and stiff for the longer growing sorts, as it is not 5 to 6 inches long. Quality the best; can be easily pulled. Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., \$2.50.

**HALF LONG DANVERS**—Improved stock. One of the most productive for field culture. Tops medium, roots dark orange color, of medium length, tapering abruptly at the point, very uniform and handsome; flesh deep orange. Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., \$2.50.

**LONG ORANGE**—The best late variety for field culture. A fine keeper and retains its bright orange color during the winter. Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., \$2.50.

## CELERY

**CULTURE**—Sow in hotbeds or in a cold frame. As soon as the plants are three inches high, transplant to a nicely prepared bed in the border, setting them four or five inches apart in the trenches. Earth up a little during the summer, keeping the leaf stalks near together, so that the soil cannot get between them. Finish earthing up in the autumn, and never hoe or earth up in moist weather or when the plants are moistened with dew.

To preserve Celery for winter, dig trenches a foot in width and as deep as the top of the plants. Stand the Celery in these, erect as they grow, with what dirt adheres to the roots, packing closely but not crowding. After the trench is filled, it should be covered with straw or leaves as a protection from the frost. Do not cover until the weather becomes quite cold, and then only a little at a time as the cold becomes greater. Celery will bear a great deal of frost. The trench must have a good drainage.

**WHITE PLUME**—It is more largely grown for both private and market use than any other sort. In earliness it surpasses any other celery, as it can be blanched for the table in September, while none can compare with it in flavor and quality. Many of the leading grocers of America claim this and Self-Blanching are the only sorts it pays to raise. We have been extremely careful in selecting our seed of this famous variety and believe the seed we offer this season is as pure a strain of White Plume as can be obtained. Pkt., 5c; oz., 25c; ¼ lb., 85c.

**GOLDEN SELF-BLANCHING**—A grand sort on the style of White Plume, except that it is a golden yellow color. Pkt., 10c; oz., 50c; ¼ lb., \$1.50.

## COLLARDS

**CULTURE**—Sow seed as for cabbage in June, July or August for succession; transplant when a month old.

**TRUE GEORGIA**—Pkt., 5c; oz., 25c; ¼ lb., 50c; lb., \$1.75.

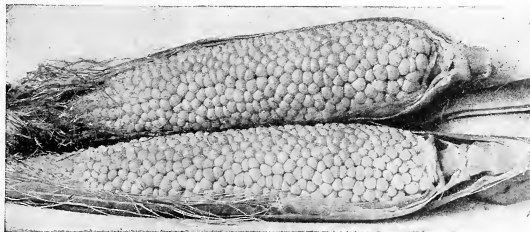
## CAULIFLOWER

**CULTURE**—For spring and summer sow late in February. March or early in April, in hotbeds, transplanting to cold frames when of a sufficient size, then to the open grounds when frost is over, though a light frost will not hurt them. The soil should be richer than for Cabbage. Persian insect powder will keep free from the worms. Sow and treat as for Cabbage. By giving a liberal supply of water and planting to mature in early summer or late fall, the heads will be much improved. It is also well to cover the heads with the leaves to insure their whiteness. Cut while the curd is hard, to keep them from being bitter. The seeds can be sown in September the same as Cabbage and wintered over in the same manner.

**EARLY SNOWBALL FORCING**—The market gardeners' favorite. Stands the heat and drouth better than most Cauliflowers. The outer leaves are short so that plants may be set close together. We offer selected seed of this variety. Produce heads 9 inches across in this latitude by June. Pkt., 20c; oz., \$2.00.

**SELECTED DWARF ERFURT**—Excellent for forcing as well as open ground. The plants are small-leaved and dwarf, producing pure white heads of finest quality. In normal season it is extremely reliable in heading. Pkt., 20c; oz., \$2.00.

## SUGAR CORN



**CULTURE**—This requires a good soil and situation. Commence for first planting early and if a continuous supply is wanted all summer, make plantings about two weeks apart; first planting early varieties, then later ones. Plant in rows three feet apart and make the hills about the same distance apart in the rows. Five kernels in the hill are plenty. Cover about one inch deep for early and a little deeper for late.

**GOLDEN BANTAM**—Early Sweet Corn, with yellow kernels; ears 8 rowed, 6 to 7 inches long; heights from 4 to 5 feet. Very sweet and delicious; tender and of excellent quality. One of the best early varieties. Pkt., 5c; pt., 35c; qt., 65c.

**COUNTRY GENTLEMAN**—The most delicious of all Sweet Corns, and also one of the most productive sorts. The ears are of a good size with a small cob and very clear, deep, white kernels, tender and sweet, many of the stalks bearing 3 to 4 ears. Pkt., 5c; pt., 35c; qt., 65c.

**ADAMS' EARLY**—An excellent early field sort. Ears 8 inches long, 12 to 14 rowed. Pkt., 5c; pt., 30c; qt., 50c.

**ADAMS' EXTRA EARLY**—Standard early variety. Pkt., 5c; pt., 35c; qt., 50c.



**SUGAR CORN—Continued**

**STOWELL'S EVERGREEN SELECTED**—It is a very tender, sugary and remains green a long time; a heavy yielder. Pkt., 5c; pt., 35c; qt., 65c.

**EARLY EVERGREEN SWEET CORN**—One of the very best Sugar Corns in existence, possessing every good quality of Stowell's Evergreen, except that the stalk is about one foot shorter, and that it will mature in 80 days, or fully 10 days earlier. The ears are like Stowell's, very large, with about 18 rows of very large grains. Pkt., 5c; pt., 35c; qt., 65c.

**POP CORN**

**QUEEN'S GOLDEN**—The largest of all Pop Corn; the stalks grow 5 to 6 feet high and bear 2 and 3 large ears of fine corn each. It is cream in color, but pops perfectly white. 25c per lb.; not postpaid, 10 lbs., \$1.25.

**WHITE RICE**—The most popular widely known variety. Lb., 30c; 10 lbs., \$2.25, by express.

**CUCUMBERS**

**CULTURE**—Plant a dozen seeds to a hill, covering half an inch. After the plants are started, pull all but three or four of the strongest. Make the hills about six feet apart. For early cucumbers the hot-bed is necessary, but the simplest and surest way to produce a tolerably early crop of the best kind is where it is desired to place a hill, dig a hole about eighteen inches deep and three feet across; in this put a barrow of fresh manure and cover with a small box-like frame, on the top of which place a couple of lights of grass. When the plants grow keep the earth drawn up to the stems. Water and give air.

**Boston Pickle**

**BOSTON PICKLE**—An abundant bearer; highly recommended for pickles. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.

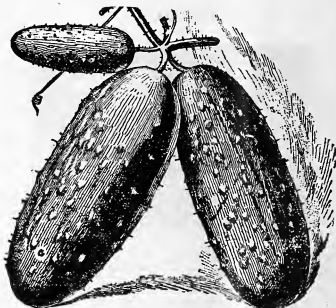
**NEW KLONDIKE**—An attractive dark green sort, with many superior characteristics. The fruits average 6 to 7 inches long and 2 inches in diameter. They are produced extremely early, are of attractive color and of unsurpassed quality for slicing. When small make excellent pickles. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.

**JAPANESE CLIMBING CUCUMBERS**—A marvelous climbing variety introduced from Japan. It is indeed a novelty and worthy the attention of every farmer and gardener. The vines are very strong growing and immensely productive, it being estimated that it will yield three times more than any other variety in a given space. The cucumbers are about ten inches in length, and of a beautiful green color; the flesh is firm and free from the bitter taste found in some varieties. It can be trained on poles, trellises, fences, or in fact any place where a vine can grow, and you will save much valuable space in the garden. One of my customers who tried it last season writes: "Your Japanese Climbing Cucumber is the wonder of our city." Another one says: "The Japanese Climbing Cucumber is the best variety I have ever seen and is certainly unequalled for slicing." Our seed is carefully selected. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**ARLINGTON WHITE SPINE**—The truckers' favorite. Very early; color deep green. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.

**WHITE SPINE IMPROVED**—Very uniform in size; very productive; crisp and fine flavor. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.

**EARLY CLUSTER**—Fruits small dark green; borne in clusters. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

**Improved Long Green**

**IMPROVED LONG GREEN**—Most widely cultivated sort. Unsurpassed for general use. The cucumbers average 12 inches long, when fully developed, and are fine for slicing. The smaller fruits make excellent pickles. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**EGG PLANT**

(Elephant—Berengena—Moligunae)

Sow in a hot-bed in February and March; when the plants are one or two inches high, transplant or thin out to two or three inches apart. When the weather is warm and settled, they may be planted out in a warm situation, two feet apart each way.



**IMPROVED NEW YORK SPINELESS**—Fruit of large size and perfect form. Pkt., 10c; oz., 75c; ¼ lb., \$2.00.

**BLACK BEAUTY**—Fruit large, dark purple. Pkt., 10c; oz., 75c; ¼ lb., \$2.00.

**(KOHL-RABI Kohlrabi)**

One ounce will sow about 200 feet of drill.

**CULTURE**—This is a very delicious vegetable, and is increasing in popularity rapidly; combines the good qualities of the turnip and cabbage, but excels both in nutritive and productive qualities. Cooked the same as turnips, they are very tender and palatable. Sow in spring in rows 14 inches apart, and thin away the plants to 8 inches.

**EARLY WHITE VIENNA**—Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort on account of its earliness. Pkt., 5c; oz., 20c; ¼ lb., 60c.

**EARLY PURPLE VIENNA**—Differs from the Early White Vienna in color only. Pkt., 5c; oz., 20c; ¼ lb., 60c.

## LETTUCE

**CULTURE**—A very rich soil is necessary to produce fine head lettuce. Its crisp and tender quality depends very much on a luxuriant and vigorous growth.

The early sowing may be made in February or March, under glass, with slight heat. For later supply sow in the open ground as soon as the season will permit, in rows one foot apart every two or three weeks to the middle of August, it may be had in profusion the entire season.



Big Boston

**BIG BOSTON**—(See cut). One of the most valuable varieties or open ground or forcing in cold frames. The heads are extra large, solid and of the best quality. Market gardeners and ruckers in all parts of the country are loud in their praise of this lettuce. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**CALIFORNIA CREAM BUTTER**—Excellent for open ground, forming a large, solid, light green head, the inside of which is lanced to a beautiful creamy yellow. Largely planted in the south for shipping during the winter months. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**PHILADELPHIA BUTTER**—This is one of the finest, the most rattle as well as the crispest lettuce. This delicious variety is of the cabbage type. Every plant is uniformly perfect, early all head and with very few outside leaves. The heads are compactly formed of densely packed cream-colored heart leaves of fine quality, tender, crisp, and sweet; and most attractive in appearance. It is not only a very early and hardy lettuce, but it stands early summer heat well, and does not rot to seed for two weeks after it is fully headed up, though we do not recommend it for use during very hot weather. Color of the outside leaves, pale green. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**HANSON**—One of the finest. Heads very large, solid, tender, and of excellent flavor. Stands the sun and drouth better than most varieties. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**WONDERFUL**—(See cut). Introduced two years ago and continually growing in favor. The large, white heads resemble those in their solidity and frequently weigh two and three pounds each. The quality is superb, being crisp, rich and tender. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**MAY KING**—A handsome, light green heading variety of medium size and excellent quality. Outdoors the heads mature exceptionally early, attaining a size suitable for use before her sorts, and often the edges of the outer leaves have a brownish tinge. The plant is very compact for so large a head. Is very satisfactory also for forcing under glass. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**PRIZEHEAD**—Forms large, loose heads, which will not stand shipment to distant markets. The outer leaves are bright green, edged with brownish red. They are large and thin, attractively tied and very tender. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00.

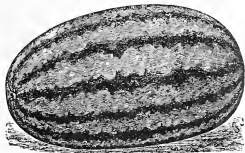


Wonderful Lettuce

**EARLY CURLED SIMPSON**—Forms close, compact bunches of attractively curled tender leaves. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

## WATERMELONS

**CULTURE**—These require a rich but rather sandy soil for the best results and give the largest returns in warm latitudes, although of late years they are being extensively grown in the Middle and Northern States for home markets. Give the same care as muskmelons, but have the hills at least double the distance apart.



Georgia Rattlesnake

**TOM WATSON WATERMELON**—This melon was introduced in Georgia five years ago, and today is considered one of the best melons that have been grown in that section. It is of the long green variety, with small white veins running over the rind. The rind is thick, consequently is a good shipper for long distances. The meat is very red and of excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**HALBERT HONEY**—A Texas melon, and particularly adapted for our state. It greatly resembles the Klockley Sweets, but is of darker color and more even and regular in shape. Can not be shipped great distances, as the rind is very brittle, but it is unsurpassed for home-markets and family use. It grows from 15 to 30 inches long, is dark green, slightly ridged and blunt at the blossom and stem ends. The meat is sweet as honey, melting and leaves no trace of pulp. Brings always higher prices than any other melon on the market. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**ALABAMA SWEET**—This is large, oblong melon; color, dark green with faint lighter stripes. Being of good size, though not ungainly, it is first-class for shipping purposes. Its flavor is simply delicious, it is entirely stringless, and its outside appearance is attractive. Its size and shape are such as to make it one of the best market melons, and we can not recommend it too strongly to the Southern planter. Fancy selected Southern grown seed. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

## WATERMELONS—Continued

**KLECKLEY SWEETS**—Vines strong and vigorous; the fruits grow uniformly to quite a large size, oblong in form, 18 to 20 inches long and 10 to 12 inches in diameter, rather tapering at the ends. The skin is a rich dark green, while the flesh is a bright scarlet, ripening close to the skin. The rich, bright scarlet flesh is crisp, sugary and melting to the highest degree, being entirely free from any stringiness. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

**GEORGIA RATTLESNAKE**—(See cut). Standard Southern variety; oblong, flesh scarlet, crisp and juicy. A good shipper. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

**BLACK DIAMOND**—Recently introduced and claimed by large growers to be one of the best market varieties ever offered. The fruits are of largest size, often weighing from 75 to 100 pounds each. The color is a rich, deep greenish black, and the shape of the melons is roundish oval. Rind thin, but quite tough, enabling it to withstand rough handling. Flesh rich red, thick, firm, solid and sweet. The vines are vigorously productive and ripen the fruit extremely early for so large a variety. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Alabama Sweet

**DUKE JONES**—Very large, dark green, flesh solid, deep red. A good shipper. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**FLORIDA FAVORITE**—A splendid oblong melon ten days earlier than Kolb's Gem. Flesh red, of fine flavor and qualities. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 60c.

**SWEETHEART**—Vines vigorous and productive; very early. Fruit large, oval, heavy, solid. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

**CITRON**—Grows uniformly round and smooth, striped and marbled with light green. Flesh white and solid, seeds red. This sort is not used for eating in the raw state, but for preserves and pickles, etc. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

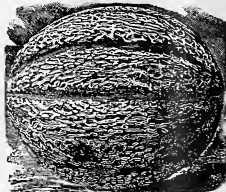
## MUSKMELONS

**CULTURE**—Select a light, sandy, rich soil, and after all danger of frost is over and the ground has become warm and dry, plant in hills four to five feet apart each way, six to twelve seeds to the hill. When up and all danger of insects is past, pull out all but three of the plants. Cultivate until the vines cover the ground and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even road dust is excellent to sift over the young plants when the dew is on to prevent the attack of insects. A few hills for early use may be had by sowing in hot-beds or on pieces of sod or in pots. The seeds may also be started out of doors, under hand frames or glasses.

**EXTRA EARLY HACKENSACK**—A variety possessing all the good qualities of the well-known Hackensack, but at least 10 days or two weeks earlier. The melons weigh from 4 to 10 pounds each; are of nutmeg shape, heavily netted and have a light green flesh. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.

**HACKENSACK, or TURK'S CAP**—Very hardy, are of good size, round, heavily ribbed and netted. The meat is green, thick, firm, and of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.

**ROCKY FORD**—Our seed comes from one of the most careful growers in Rocky Ford, Colorado. This seed produces melons of splendid quality and uniform size. They weigh from 1½ to 1½ pounds each. Skin green, thin, ribbed regularly, flesh thick, light green, melting and luscious. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.



Rocky Ford

**TEXAS CANNON BALL**—Round, medium size, heavily netted. Flesh green, very solid, melting and of delicious flavor. Of all melons this has the smallest cavity. Can be shipped any distance. Excellent also for home use. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.

**NETTED ROCK CANTALOUPE**—We believe this to be the finest melon on the market today. In appearance it is like the Rocky Ford, but more evenly netted and is a week earlier. The vines are extremely strong, vigorous and prolific. They are of a most attractive appearance, deeply netted, and have but a very small seed cavity. The meat is thick and has the typical Rocky Ford flavor. Order early. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.

**BALTIMORE, or ACME**—The fruits are medium sized, oval or long oval, slightly pointed at stem end, slightly ribbed and are covered when ripe with coarse netting. The flesh is thick, green, well flavored and sweet. This variety is a very productive, sure cropper of good quality. One of the most desirable green fleshed melons of medium size. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.

**NUTMEG GREEN**—A medium-sized globular-formed variety, which is slightly ribbed; the skin is a rich, dark green and becomes a yellowish shade when over-ripe. Covered almost entirely with a broad, shallow netting. The flesh is thick, solid and of excellent flavor. In many parts of the country this is considered the best variety that can be grown for the local market. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25.

## HONEY DEW MELON

**HONEY DEW MELON**—The Honey Dew Melon produces a melon with a smooth almost white rind, measuring about six inches in diameter, about seven inches long. The green flesh is thick and has a peculiar sweet flavor, somewhat like a banana, they are at their best when a little over-ripe. Price: pkt., 10c; oz., 20c; ¼ lb., 70c; lb., \$2.25.

## POTATO SLIPS READY ABOUT APRIL 1ST

Every year we grow for our trade about 100,000 Pumpkin Yam potato slips. The price varies according to season, March delivery, \$5.00 per thousand, 10c per dozen, 50c per hundred. April delivery, \$4.50 per thousand.

## TOMATOES READY ABOUT MARCH 1ST

For early planting try some of our fine and true plants grown from selected seed. Dwarf, Champion (tree tomato), Acme (tall variety), also Beauty and Stone. Price 10c per dozen, 50c per 100, \$3.50 per 1,000.

## CABBAGE READY ABOUT FEBRUARY 1ST

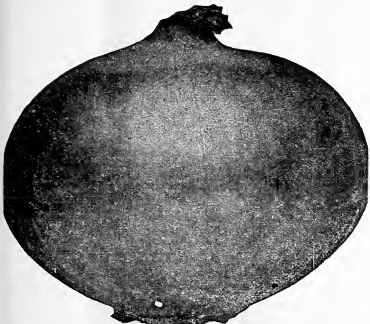
Thousands of these plants are grown by us for early planting, such varieties as Early Jersey Wakefield, Early Winningstadt, Early Summer. Prices, 10c per dozen, 50c per hundred, \$3.50 per thousand.

## PEPPER AND EGG PLANTS READY ABOUT MARCH 15TH

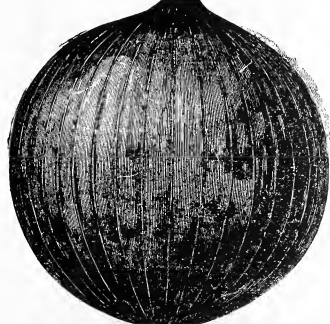
Place orders early, as they are always short. 15c per dozen; 75c per hundred.

## ONIONS

## NEW CROP AMERICAN SEED



Extra Early Red Flat



Yellow Globe Danver

FOR FRESH ONION SEED TRY OUR FANCY SELECTED TRUE SEED—NONE BETTER

**CULTURE**—For the best results this vegetable should have a rich, deep loamy soil, but can be raised on almost any land with the exception of stiff clay or gravel. Early in the spring level the ground and tread firmly; then sow the seed in drills about one-quarter of an inch deep and one foot apart, covering lightly with fine soil. After this has been done, press the soil down firmly, either with a light roller or the back of a spade. When the plants are large enough, thin out gradually until they are about three inches apart. Frequent hoeing and keeping the ground free from weeds are necessary to produce a good crop. Care, however, should be taken not to stir the earth too deeply. Our seed is of the best quality and we know from years of experience as onion seed growers that better seed cannot be had at any price. Five or six pounds to the acre is the quantity required to grow large onions, while for pickles, or sets, the amount needed is fifty or sixty pounds.

**CRYSTAL WAX BERMUDA**—The most attractive onion in the world. It is an absolutely pure white Bermuda Onion, with a most beautiful waxy appearance, that sells on sight in the retail markets. In New York and other large markets Crystal Wax sells 25 to 50 cents per crate above the Bermuda White or Yellow. Except in color it is identical with the Yellow Bermuda; has all its desirable qualities combined with much more handsome appearance. Pkt., 10c; oz., 50c; ¼ lb., \$1.25; lb., \$4.75.

**IMPORTED RED BERMUDA**—(Seed very scarce). Our genuine Red Bermuda is a favorite for home use. Pale waxy red; the variety in all sections where a red onion is preferred. Teneriffe-grown seed. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.

**IMPORTED YELLOW BERMUDA**—(Seed very scarce). Planted extensively by market gardeners in the South for shipping. While it is known as White Bermuda, the name is misleading, as it is really a light straw-colored Onion. Teneriffe-grown seed. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.

**WHITE PEARL EXTRA EARLY**—The earliest of all the white varieties. Grows to an immense size, and is of a beautiful waxy white color; flesh mild and of a delicious flavor. It grows with remarkable rapidity, reaching the first season, from seed, the enormous weight of four pounds each, and frequently measures seven or eight inches in diameter. If you are in want of an early white onion, grow Extra Early Pearl. Its immense yield and fine quality will please you. Pkt., 5c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

**THE MAMMOTH SILVER KING**—This variety has been extensively cultivated in all sections for the past five years, and has given perfect satisfaction. The skin is a silvery white, and the flesh pure white and of a particularly mild and pleasant flavor. It cannot be too highly recommended for family or market use. Single bulbs of this variety have grown to weigh four pounds. The bulbs are flattened in form, but quite thick and frequently measure over twenty inches in circumference. Pkt., 5c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

**GIANT YELLOW PRIZETAKER**—Extra large size onion, particularly fine flavor. The outside skin is a rich yellow straw color, and the flesh is pure white; sweet, mild and tender. Ripens up fine and hard, and makes a very handsome and attractive onion. Pkt., 5c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

**YELLOW GLOBE DANVERS**—This strain of Globe Danvers is equal to any usually sold and may be relied upon as a first-class cropper in every way. Pkt., 5c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

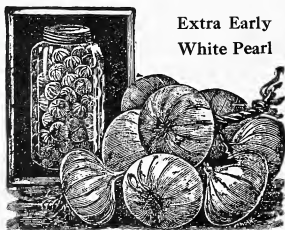
**LARGE RED WETHERFIELD**—The most widely cultivated red variety, the standard winter onion in many Northern states. The bulbs are well flattened, thick through and grow to a good size. The skin is of a rich, glossy deep red color, while the flesh is white, tinged with red. A most excellent keeper. Pkt., 5c; oz., 55c; ¼ lb., \$1.00; lb., \$3.50.

**EXTRA EARLY RED FLAT**—(See cut). An early variety that is highly prized in the middle and northern states on account of its fine appearance and quick growth. The bulbs are of medium size, rich red in color, flat in shape, and the flesh is solid, fine grained and good quality. It ripens somewhat earlier than Red Wethersfield and by many growers is preferred to that well-known sort. Pkt., 5c; oz., 55c; ¼ lb., \$1.00; lb., \$3.50.

**SOUTHPORT RED GLOBE**—This handsome and most richly colored of all red sorts is becoming more popular every season. It is a rich, glossy, dark red color, and of a very showy appearance in the market. The bulbs are remarkably uniform in size; and good keepers. Pkt., 5c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

**AUSTRALIAN BROWN**—Of medium size, wonderfully hard and solid; ripens very early; a fine keeper. Pkt., 5c; oz., 55c; ¼ lb., \$1.00; lb., \$3.50.

## ONIONS—Continued



Extra Early  
White Pearl

## ONION SETS

**ONION SETS**—(See cut). Onion sets should be planted out as soon as the ground is in condition to work, early in the spring. They should be planted in rows one foot apart, with sets 3 to 4 inches apart in the row. Notice: Prices by the bushel are subject to fluctuation at this market, but the prices quoted on quarts will hold good throughout the season, or as long as our stock allows.



The Best Assorted Onion Sets

**WHITE BOTTOM**—Qt., 35c; postpaid.

**RED BOTTOM**—Qt., 35c; postpaid.

**YELLOW BOTTOM**—Qt., 35c; postpaid.

Write for prices on larger quantities.

## PARSLEY

**CULTURE**—A rich and tolerably deep soil is the best for this crop. Soak the seed for a few hours in tepid water and sow in the early spring in drills one foot apart. Thin out the plants to 3 or 4 inches apart. A single row forms a very good edging for beds or walks. As the seed germinates very slowly, sometimes two or three weeks will elapse before the plants make any appearance. We desire to call particular attention to our Extra Curled, which is a most desirable variety.

**CHAMPION MOSS CURLED**—A very select stock; the leaves are curled and crimped. Pkt., 5c; oz., 10c; ¼ lb., 55c; lb., \$1.25.



Extra Curled

**PLAIN PARSLEY**—Dark green leaves, good for seasoning. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.50.

## PARSNIPS

**CULTURE**—Parsnips give the best results when grown in a rich, deep sandy soil, but will make fair progress on any other soil which is rich, deep and porous. The mistake of using too much fresh manure is often made; this simply serves to force the growth, and frequently produces roots which are



coarse and of rough shape. The seed germinates slowly and should be sown early in the spring in drills about 2 feet apart, covering about one-half inch deep. Thin out to 4 or 5 inches apart and hoe and cultivate often.

**HOLLOW CROWN**—A standard sort. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

## OKRA

**OKRA**—A vegetable that is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of April, or when the ground has become warm, in drills 3 feet apart, and 1 inch deep; thin out to ten inches apart in the drills.

**TALL GREEN**—Long, slender pods, light colored; keep edible a long time and are very tender. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

**VELVET PODS**—It is distinct in appearance, the pods are perfectly round, smooth, of an attractive white velvety appearance, and of superior flavor and tenderness. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**DWARF GREEN**—Early and productive, smooth pods. Oz., 5c; ¼ lb., 15c; lb., 50c.

## PEPPERS

**CULTURE**—Seeds may be sown in hot-beds or cold frames and transplanted about the middle of May in sunny location in rows 18 inches to 2 feet apart. For later use sow in the open ground in the early summer after the weather has become settled and the earth warm and transplant when the plants are about 4 inches in height. They prefer good, rich mellow ground and the earth should be well pulverized to the depth of 8 or 10 inches.



## PEPPER—Continued



Giant Chinese Pepper

**GIANT CHINESE PEPPER**—A very large, fine, mild red pepper. Not only is it immensely productive for so large a pepper, but its enormous size and magnificent appearance makes it sell most rapidly. The plants are vigorous in growth, well branched and thickly set with enormous fruits. Fruit blocky, 4 to 5 inches broad, color brilliant scarlet. Pkt., 10c; oz., 75c; ¼ lb., \$2.25.

**LARGE BELL**—Pkt., 5c; oz., 60c; ¼ lb., \$2.00.

**LONG RED CAYENNE**—Pkt., 5c; oz., 60c; ¼ lb., \$2.00.

**RED CHILI**—Pkt., 5c; oz., 60c; ¼ lb., \$2.00.

## PEAS



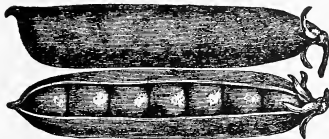
Champion of England

**CULTURE**—A week may be gained in earliness by sowing a quantity in moist sand, placed in a box in the cellar and planting outside when well sprouted. Light, dry soil, not over rich, suits the pea. Sow as early as the ground can be worked, and again every two weeks for succession up to the first of June, after which there is danger of mildew. Sow in single or double rows from 4 to 6 feet apart, according to the different heights, about an inch apart in the row, and 4 inches deep. In summer sow 6 to 8 inches deep. In this climate the extra early peas, if planted from the 15th of July to the 1st of August, will produce a fair crop for fall picking, when peas are most acceptable. Hoe often. The fall sorts bear more freely by pinching in.

We pay postage on qualities quoted less than peck.

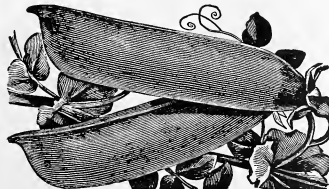
## Extra Early Sorts

**FIRST AND BEST**—A vigorous growing, hardy, extra early sort, about 2½ feet in height, unbranched, usually bearing from 5 to 7 pods each, filled with smooth peas of the best quality. It ripens with such uniformity that they may be picked clean with two pickings. Pkt., 10c; pt., 40c; qt., 75c; pk., \$3.25.



First and Best

**ALASKA**—(See cut). This is a smooth blue pea of unequalled evenness in growth of vine and early maturity of pods, well filled with medium size, bright green peas of excellent flavor. The vines grow about two and a half feet high and of a bright green color. The seed pods are about three and a half inches long, seed small, smooth and bluish in color, maturing all at the same time, making it a favorite for market gardeners and canners. Pkt., 10c; pt., 40c; qt., 75c; pk., \$3.50.



Try Our Alaska—You Will Be Pleased

**THOMAS LAXTON**—A very early wrinkled variety of great merit. The vines are vigorous, of medium height, about three feet. The pods are large, often four inches long, with square ends, similar to but larger, longer, and darker than those of Champion of England and as uniformly well filled. The green peas are very large, of fine deep color and unsurpassed in quality. One of the very best sorts for the market and home gardens. Pkt., 10c; pt., 40c; qt., 75c; pk., \$3.50.

## Early Dwarf Sorts

**AMERICAN WONDER**—Until the introduction of Nott's Excelsior this was the earliest of all the wrinkled varieties. It is of dwarf habit, only grows about 10 or 12 inches high, but always produces a profusion of well filled pods of the richest flavor. Peas planted in March mature in 33 days. This is certainly a good record and one that can't be equalled by many varieties. The quick growing, healthy habit of American Wonder has made it a great favorite for both market and home gardens. Our stock is selected with the greatest care. Pkt., 10c; pt., 40c; qt., 75c; pk., \$3.00.

**NOTT'S EXCELSIOR**—Grows 15 inches high, and is claimed by the introducer to be the earliest and best Dwarf Wrinkled Pea ever introduced. It is extensively grown through the East, where by many gardeners it is considered far more desirable than the American Wonder. The vines are strong in growth, producing pods of large size, each of which contains 6 to 8 peas. Trials in different sections show that it can be made to mature in 45 days from planting of seed. For the home garden it cannot be too highly recommended. Pkt., 10c; pt., 40c; qt., 75c; pk., \$3.00.

## Medium and Late Dwarf Sorts

**PRIDE OF THE MARKET**—Vines of medium height, stiff, with large, dark green leaves and bearing at the top, generally in pairs; a good crop of large, pointed, dark green pods, well filled with large peas of good flavor. We recommend it as one of the very best of the large podded varieties, especially suitable for market gardeners. Pkt., 10c; pt., 40c; qt., 75c; pk., \$3.00.

**BLISS' EVERBEARING**—Height of vines, two feet; foliage very large, firm and bright green; pods three to four inches long. Pkt., 10c; pt., 40c; qt., 75c; pk., \$3.00.

Field Peas—See Page 33

## PEAS—Continued

## Medium and Late Tall Sorts

**CHAMPION OF ENGLAND**—The favorite late variety. No pea ever offered has so perfectly pleased the gardener as this famous late sort. It is almost certain to bear heavily, even under the most adverse circumstances, and its healthy habit of growth and fine quality recommend it for both home and market gardeners. The Champion of England grows to a height of about 4 feet; although in some seasons it has reached the height of 8 feet, and was covered from top to bottom with pods well filled with peas of the most delicious flavor. This is certain to keep you supplied with an abundance of peas of the best quality during the whole season. Our stock of Champion of England is as pure a type as can be obtained and sure to produce the best results. Pkt., 10c; pt., 40c; qt., 75c; pk., \$3.00.



Our Peas Are the Cleanest Stock on Market

**LARGE WHITE MARROWFAT**—The vines of this variety are about 5 feet high and of strong growth. The pods are large, cylindrical, rough, light colored and well filled; seed large, smooth, round and light yellow. The variety is excellent for summer. Pkt., 10c; pt., 40c; qt., 75c; pk., \$2.50.

**NEW TELEPHONE**—Seed green, wrinkled, height about 4 feet; foliage luxuriant, peculiar light shade of green; pods unusually large, elegant shape, slightly curved, well filled with peas of large size. A most desirable variety for those who wish a large, showy pea. Pkt., 10c; pt., 40c; qt., 75c; pk., \$3.00.

## RADISHES

**CULTURE**—The radish is cultivated for its root, which should be eaten when young and tender, as in maturing it becomes strong and pithy. It should be sown for early use as soon as the ground can be well prepared, and for a succession at intervals of two or three weeks throughout the season, in rich, loose, warm soil, as the quality depends largely on its rapid growth. Sow in rows a foot apart, and thin to two inches in the row by using the largest ones as soon as of sufficient size for the table. Keep free from weeds and well watered. In the heat of summer select a cool shady place.

**DEEP SCARLET**—(Forcing). Globe shaped, early and very fine. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**NON PLUS ULTRA**—(Forcing). Extra early, scarlet, short leaved. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**ROUND SCARLET CHINA**—Root round, of a fine scarlet color. Extremely solid and a most excellent keeping variety. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

**SCARLET TURNIP**—(Forcing). Very early, small, round. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**SCARLET TURNIP, WHITE TIP**—Scarlet, with white tip. Fine for marketing. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**FRENCH BREAKFAST**—(Forcing). The market gardener's favorite; color pink and white; crisp, tender and a good keeper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

## Long and Red Varieties

**ROSE CHINA WINTER**—One of the best fall radishes; a favorite with market gardeners. Bright rose color, flesh white, firm and superior quality. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.



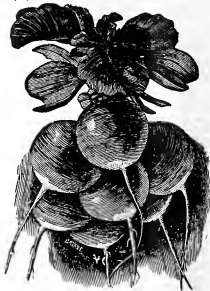
Chartier

**CHARTIER**—The color at the top is a bright crimson, changing to a pink at the center and from thence downward it is a pure waxy white. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**LONG SCARLET SHORT TOP**—The standard long variety for market and home gardens; root long and growing partly above ground; straight, smooth, rich scarlet; very crisp and a grower. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

**LONG WHITE VIENNA or LADY FINGER**—This is one of the finest long radishes, beautiful in shape, skin and flesh pure white. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**ICICLE**—The earliest and finest long white radish. The young radishes are ready for use even earlier than the long scarlet, and continue to grow for a long time, fully retaining their tenderness and mild flavor until quite large. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



Round Scarlet China

## Late and Hot Varieties

**ROUND BLACK SPANISH**—Skin black, flesh white; roots round; very compact and pungent, but well flavored. Keeps well through the winter. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**LONG BLACK SPANISH**—One of the latest and hardest long radishes, especially adapted for winter use. Roots rather long, thick, almost black, with white flesh. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

## POTATOES

**IRISH COBBLER POTATO**—A comparatively new and very fine early variety; extensively grown for market in some localities. The tubers are very handsome, almost round, averaging uniform in shape and size. Flesh white and of excellent quality; skin cream and buff with whitish netting. This is a very reliable variety and heavy cropper. (See cut). Pkt., — bu., —.

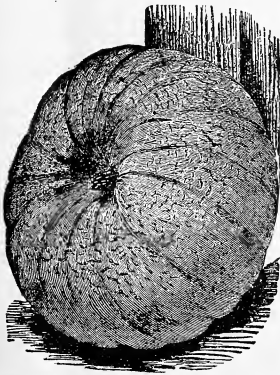


**PURE EARLY ROSE**—The good old favorite which continues in great popularity. A prolific yielder, sure cropper and popular market potato. Every farmer and gardener knows the good Early Rose and nothing more needs to be said in its favor. The seed we offer is the purest and best that can be put on the market. Prices, postpaid, 1 lb., 25c; 3 lbs., 60c; by express or freight, not prepaid, 1 pk., \$1.00.

**TENN. TRIUMPH**—Matures a week in advance of the Early Rose. Tubers of medium size, round and uniform in shape, with but a very few small ones; eyes slightly depressed; color a beautiful light red. Pk., \$1.00.

## PUMPKINS

**CULTURE**—Pumpkins may be planted in the middle of spring among corn or in the field or garden, in hills 8 to 10 feet apart each way, four seeds in a hill. In all other respects they are given the same cultivation as melons and cucumbers, but care should be taken to avoid planting them near other vines. In growing the Mammoth Tours, make the ground as rich as possible and top dress the hill with well rotted manure, and if possible give the plants plenty of water during the dry season. This will assist in the growth greatly.



Connecticut Field

**CONNECTICUT FIELD**—(See cut). A very productive old standard sort that is grown almost exclusively for stock feeding purposes. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 60c.

**IMPROVED GREEN-STRIPED CASHAW**—A crook-necked variety, with green and white striped skin. The flesh is of rich yellow color, solid, fine grained, very thick and sweet. Pkt., 5c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.25; lb., \$2.00.

**MAMMOTH KING, or POTIRON**—The best large pumpkin in use. Forms immense globular shape flattened a little at the ends. Skin reddish yellow in color and flesh rich orange. This is unquestionably the very best mammoth pumpkin we have. It runs very uniform in shape and color and all are of immense size. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**LARGE CHEESE, or KENTUCKY FIELD**—Very popular and productive; fruit flattened; skin mottled light green and yellow, changing to rich cream color as it matures. Flesh yellow, thick, tender, nutritious and of excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 50c; lb., \$1.00.

**TENNESSEE SWEET POTATO**—The best variety for home gardens. They are almost pear-shaped, growing to a large size, are slightly ribbed and the skin is of a creamy white. The flesh is thick, of a yellowish white color, dry, fine-grained and of a sweetish flavor. Vines are enormously productive. Pkt., 5c; oz., 10c; ¼ lb., 50c; lb., \$1.00.

## SQUASH

**YELLOW SUMMER CROOKNECK**—A small crooknecked sort. Skin bright yellow; very early and productive. Pkt., 5c; oz., 10c; ¼ lb., 50c; lb., \$1.00.

**MAMMOTH WHITE BUSH SCALLOPED**—Grown almost exclusively for first crop, as they ripen very early and are particularly desirable for early marketing. The skin and flesh are pure white. Pkt., 5c; oz., 10c; ¼ lb., 50c; lb., 90c.

**EARLY WHITE SCALLOPED BUSH**—A beautiful white Squash of light cream color, large size, flat. Elegant for home use. Pkt., 5c; oz., 10c; ¼ lb., 50c; lb., 90c.

**WARTED HUBBARD**—This is similar in size and quality to the well-known Hubbard. The vines are fully as vigorous and productive, while the dark olive green fruits are rather more heavily warted. Very handsome in appearance. An excellent keeper. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.00.

## RHUBARB

**CULTURE**—Rhubarb gives the best results when grown in deep, rich soil that has been worked to a depth of at least one foot. Sow in drills one inch deep and thin out the plants to 6 or 8 inches apart. Transplant plants in the early fall, setting them about 4 feet apart each way, and give a dressing of coarse manure each spring. The stalks should not be plucked until the second year, and the plant never allowed to exhaust itself by running to seed. As will be noticed, we offer carefully saved seed, and want to call special attention to our Monarch Rhubarb, which is giving such splendid results.

**VICTORIA**—The finest market variety, producing large, thick, heavy stalks in rich soil. Pkt., 5c; oz., 20c; ¼ lb., 50c.

## MUSTARD

**MUSTARD**—A small, pungent salad used with cress; the seed is also used for flavoring pickles, pepper sauce, etc. **Culture:** For salads, sow thickly in shallow drills 6 inches apart, or in frames or boxes during the winter where frost can be partially excluded. Successive sowings may be made every week or two. To grow seed sow in April in rows one foot apart, and thin out to 3 inches apart when 2 inches high.

**SOUTHERN GIANT CURLED**—The best for greens and the most popular mustard in the South. None better. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

**OSTRICH PLUME**—A distinct sort. The plants are of vigorous growth, the beautiful dark green leaves curve outwardly like an ostrich plume. The edges are as finely curled as the best double curled parsley. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 90c.

**LARGE SMOOTH LEAVED**—Has a large, fleshy leaf. The flavor is mild and is quite slow in sending up its seed stock, remaining a long time fit for table use. This variety fills a long felt want in the South. Pkt., 5c; oz., 10c; ¼ lb., 50c; lb., \$1.00.

## SPINACH

**CULTURE**—Sow in early spring in drills a foot apart every two weeks for a succession, and, as it grows, thin out for use. Keep clear of weeds. Sow in hills three feet apart each way, three or four seeds in a hill. This is fit for cutting all summer. For fall use sow in August and for winter crop in September. Cover that which is left out over winter with straw or leaves after the weather becomes quite cold.

**CURLED BLOOMSDALE, or LONG STANDING SPINACH**—Produces nearly twice the weight of crop as other varieties and has further merit in the fact that it is the hardest of all varieties of spinach. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

## SALSIFY

OR VEGETABLE OYSTER



**CULTURE**—Sow as early as the ground can be worked in the spring, in drills 12 inches apart, one inch deep, and thin out to six inches in a row. Keep them free from weeds. Cultivate the same as for carrots and parsnips. A part of the crop may be left in the ground until spring, when it will be found fresh and plump.

**MAMMOTH SANDWICH ISLAND**—A large and superior variety. Pkt., 5c; oz., 15c; ¼ lb., 45c.

## TOMATOES

**CULTURE**—Sow in hot-beds in early spring, or the seed may be sown in shallow boxes and places in a window, where one does not wish to have the trouble of making a hot-bed. Transplant in the open ground when all danger of frost is past, setting the plants three or four feet apart each way. Some support should be provided for the vines to keep the fruit from touching the ground; brush, hay or anything of the sort will answer the purpose, or they may be tied to stakes. Fruit may be had several weeks earlier by sowing the seed quite early and transplanting to small pots; when these are filled with roots, shift to a larger size, and transplant to open ground when weather is warm and settled, shading from sun a day or two. As the roots are not disturbed in taking plants from the pots, the plants suffer no check, but grow right on. Our Dwarf Champion requires no support at all, and produces a most delicious Tomato, solid and of best flavor.

**BEAUTY**—Of a very glowing crimson in color and with a slight tinge of purple. It attains its size later in the season than the Acme and other good sorts. It has yielded one-third more than the Acme. In shape is perfectly spherical. It has a thick skin, and hence is not so liable as some of the other varieties to crack just after a rain. It has more solid flesh and fewer seeds than average kinds, and is less inclined to rot. Pkt., 5c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.

**ACME**—The old standard variety. Many gardeners in this vicinity will grow no other sort than this old standard tomato. It is a sure cropper and quite early for a tomato of its size. The color is a crimson-tinted, with a light pinkish shade. Flesh

solid, fine grained and of good quality. It, like many others of the old sorts, is really very desirable for general use, and is, therefore, extensively grown by gardeners. Our seed is selected. Pkt., 5c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.

**CHAMPION DWARF**—Most distinct and valuable. Of dwarf, stiff habit, scarcely needing any support; very early and prolific; color same as Acme; perfectly round, smooth and medium size. Pkt., 5c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.

**LIVINGSTON'S DWARF STONE**—In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape and is practically the same size; double the size of Dwarf Champion, yet equally as early; more productive. Pkt., 5c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.



Tomato Ponderosa

Our Tomato Seed Is Our Pride

**PONDEROSA**—This is one of the largest varieties. Although somewhat irregular in shape, it is good, both as a slicing tomato and for stewing. The fruits are of a purplish pink color; very solid and ripen early, continuing to do so until frost. Pkt., 10c; oz., 60c; ¼ lb., \$1.65; lb., \$6.00.

**FAVORITE**—Large size, ripens evenly and early; very prolific; a good shipper. Pkt., 5c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.

**SPARK'S EARLIANA**—This tomato has become very popular with many growers of tomatoes for early market; it is a very excellent early variety; good size, good color; twice as many plants can be grown on an acre of this variety than any other variety grown. Pkt., 5c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.

**JUNE PINK TOMATO**—The earliest pink tomato. In habit and growth it is similar to the Earliana. The plant is neat and compact, branching freely, with fruits hanging in clusters of six to ten fruits, both in the crown and at the forks of the branches. The fruit is of medium size, uniform, smooth and attractively shaped, without cracks or any green core. The skin is reasonably tough so that it is excellent for shipping purposes. In color it is a bright pink. Pkt., 10c; oz., 50c; ¼ lb., \$1.25; lb., \$4.50.

**NEW STONE**—Fruit large and deep, bright scarlet; smooth, ripening evenly to the stem without a crack; very solid and firm fleshed; of the finest quality. Considered one of the best varieties for general use. Pkt., 5c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.

**McGEE**—This variety was introduced three years ago, and gave excellent success. The most prolific bearer. The average weight of the tomato is ½ lb. and many of the vines producing as many as 90 to 95 perfect tomatoes. The color a bright crimson, very solid and of good flavor, producing few seeds and small cavities. For general appearance very few varieties can compare with it and as a yielder none equal it. A variety that can be depended on both for market and home use. Pkt., 10c; oz., 50c; ¼ lb., \$1.25.

**PERFECTION**—Preferred by many to any other sort, and is extensively grown by gardeners who raise fruit for the canning factories. It is invariably smooth and of a handsome deep blood red; flesh is thick; almost coreless. Pkt., 5c; oz., 50c; ¼ lb., 75c; lb., \$1.00.

**GOLDEN QUEEN**—Fruits large and smooth; color a beautiful golden yellow, sometimes with a slight bluish of red, as smooth and well shaped as the best of the red varieties and of superior flavor. Pkt., 5c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.

### Small Fruited Sorts

**PEAR YELLOW**—Same as Red Cherry, excepting in color. Pkt., 5c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00.

## TURNIPS

**TABLE TURNIPS—WHITE FLESH SORTS**—One ounce to 150 feet of drills; ¼ lb. to transplant for one acre. Prices quoted on this page include the pre-payment of postage by us. If wanted by express or freight, deduct 10c per pound. Culture: Turnips grow best in highly enriched sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in April, in drills from 12 to 15 inches apart, and thin out early to 6 or 8 inches in the rows. For a succession sow at intervals of a fortnight, until the last week of July, from which time to the end of August sowing may be made for the fall and main crops.

**PURPLE TOP WHITE GLOBE**—Improved variety of Purple Strap-Leaf, globular shaped; smooth and a favorite sort for market gardeners. It keeps well, and is excellent for early or winter market. Pkt., 5c; oz., 50c; ¼ lb., 60c; lb., \$2.25.

**POMERANIAN WHITE GLOBE**—Valuable both for stock feeding and for table use; the roots will frequently grow to 12 pounds in weight. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

**AMBER GLOBE**—Yellow flesh, firm, fine grain; very sweet; skin yellow, with green top; keeps well; very popular in the South. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

**EXTRA EARLY RED TOP MILAN**—The earliest strap-leaf variety, maturing a week earlier than any other sort; bulbs

white, purplish top; flat and solid. Pkt., 5c; oz., 15c; ¼ lb., 60c; lb., \$2.25.

**EARLY WHITE EGG**—Pure white, egg shaped, rapid grower and fine quality. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

**PURPLE TOP STRAP-LEAF**—The most popular variety grown. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.50.

**EARLY WHITE FLAT DUTCH**—A popular well known early sort; the best variety for spring sowing. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

**GOLDEN BALL**—Rapid grower, globe shaped and of a deep yellow color. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

**SEVEN TOP**—Grown only for the tops, which are used for greens or salad in the South. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

## RUTABAGA

**AMERICAN SANDY PURPLE TOP**—The most satisfactory variety of Rutabaga to grow for either family use or stock feeding. Is very hardy and productive. Flesh yellow, solid and sweet. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

## HERBS

**CHERVIL**—For flavoring soups, etc. Pkt., 5c; oz., 15c.

**DILL**—Seeds for flavoring pickles and vinegar. Pkt., 5c; oz., 10c.

**MARJORAM, SWEET**—For seasoning. Pkt., 5c; oz., 25c.

**MUSTARD, WHITE**—For seasoning. Oz., 10c; lb., 75c.

**SAGE**—Used as a culinary herb, also for fowls. Pkt., 5c; oz., 20c.

**THYME**—Used as a seasoning. Pkt., 5c.

## Fresh, New and Reliable Flower Seed

Notice to Flower Seed Buyers: We make a specialty of all the leading Flower Seeds. If you want to beautify your place at a small cost, try our Seed and see the results.

### Brief Hints on Sowing and Cultivation

#### THE SOIL

A medium loam, which is medium between extremes of clay and sand, and enriched with a compost of rotted manure and half-mold is adapted to the generality of flowering plants. Before planting flower beds or borders, be sure that the beds are well drained in order that the water may run off and the plants show to better advantage.

#### SOWING THE SEED

Nine-tenths of the failures in flower culture comes from improper treatment of the seeds and young plants. We urge every purchaser of our seeds to carefully study the cultural directions printed on each package, and the following general rules.

Do not plant any seeds when the ground is wet. Make the surface as fine and smooth as possible. Cover each sort of seed to a depth proportionate to its size; the finest seeds, like Portulaca, Campanula, Digitalis, etc., should be merely sprinkled on the surface of the ground, and barely covered with finely sifted, light mellow soil. Press the soil down firmly over the seed, with a brick or short piece of board. For larger seeds, the depth should be regulated according to the size of the seed; seeds the size of a pinhead, sow half an inch deep; those the size of a pea, three-fourths of an inch deep.

Procure a bit of lath—it would be better if planed smooth—about two feet long; press the edge down into the soil evenly so as to make the groove as deep as the seed is to be planted; scatter the seed along this, allowing four or five of the larger and fifteen or twenty of the smaller seeds to the space one plant is to occupy when grown. Cover the seeds by pressing the earth together over them, then turn your lath flatways, and press the soil down firmly and evenly.

FOR DISCOUNTS ON FLOWER SEEDS, SEE THE DISCOUNT ON PACKAGES, PAGE 35.

### Alyssum Sweet

Grown outdoors in summer, and for fall and winter bloom in parterre or greenhouse; of easy culture. The delicate, honey-like fragrance of its white flowers is much prized in bouquets and baskets. Hardy annual; 1 foot. Pkt., 5c; oz., 30c.

### Amaranthus

Showy, blooming plants with long racemes of curious looking flowers and brilliant foliage. Half-hardy annuals. Beautiful yard plant 2 to 3 feet. Pkt., 5c.

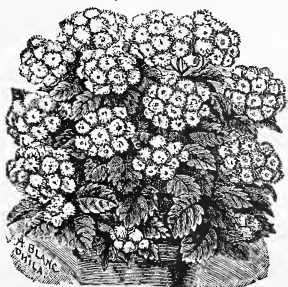
### Aquilegia (Columbine)

This plant blooms early in the spring and summer and produces beautiful, curiously formed and variously colored flowers. Hardy perennials.

**DOUBLE**—All colors mixed. A beautiful yard plant and good bloom; all colors imaginable; grows about 18 inches high. Pkt., 5c.

### Ageratum

This plant is almost constantly in bloom throughout the summer, and is particularly valuable for bedding. It is one of the easiest culture. Half-hardy annual.



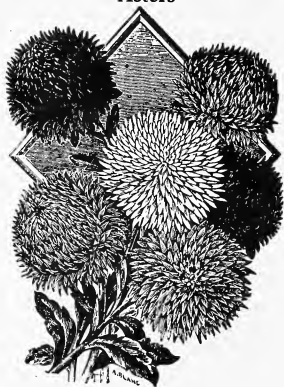
Purple Ageratum

**MEXICANUM**—Lavender-blue. 2 feet. Pkt., 5c.

**TOM THUMB**—Blue, rarely exceeds 6 inches in height. Pkt., 5c.



## Asters



Asters in Variety

One of the prettiest mid-summer flowering plants; mostly called summer flowering chrysanthemum plants; grow from 1½ to 2½ feet high, bearing from 25 to 75 flowers the size of nice chrysanthemums. The soil should be mellow and very rich and give plenty of water.

- ASTERS—All colors mixed. Pkt., 5c.  
 ASTERS, DELICATA—Light pink. Pkt., 10c.  
 ASTERS, PEONY—All colors mixed. Pkt., 10c.  
 ASTERS, EMPRESS OF CHINA—Dark blue. Pkt., 10c.  
 ASTERS, FIRE KING—Deep crimson. Pkt., 10c.  
 ASTERS, SNOWBALL—Pure white. Pkt., 10c.

## Balloon Vine (Cardiospermum)

A rapid-growing plant; succeeds best in light soil and warm situation; flowers white. Half-hardy annual. 5 to 15 feet. Pkt., 5c.

## Balsam Apple (Momordica Balsamina)

Very vigorous climbing vines, with ornamental foliage; fruit golden yellow, and when ripe opens, showing the seeds, and also its brilliant carmine interior; fine for trellises, rockwork, stumps, etc. Half-hardy annual. 20 feet. Pkt., 5c; oz., 50c.

## Balsam (Lady Slipper)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion. Of easy culture; succeeds in a good, rich soil. Tender annuals. 2 feet. Double mixed. Pkt., 5c.

## Candytuft

Universally known and cultivated and considered indispensable for cutting. Hardy annuals. 1 foot.

- WHITE ROCKET—Pkt., 5c.  
 DWARF MIXED—Pkt., 5c.

## Centaurea

Thanks to the praiseworthy fashion of using only long-stemmed flowers for bouquets, the different species of Centaurea, annuals as well as perennials, have become general favorites in all countries.

BACHELOR'S BUTTON (Centaurea Cyanus)—A very free-blooming, hardy annual, also called Blue-Bottle, Ragged Soldier, etc. Mixed colors. Pkt., 5c.

MARGARET—A very handsome plant which grows about 18 inches high and produces large, pure white flowers of the sweetest fragrance. By their long, stiff stems, the flowers are made to look very graceful and most admirably adapted for bouquets, vases, etc., especially as they keep in good condition for a week after being cut. Easily grown. Pkt., 10c.

## Columbine

One of the prettiest and hardiest of all bedding plants. Flowers peculiarly shaped and very pretty. Pkt., 5c.

## California Poppy

Very attractive plants for beds, edgings or masses; profuse flowering foliage, fine cut; in bloom from June until frost. Hardy annual; 1 foot. Flowers rich orange. Pkt., 5c.

## Carnations

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable both for greenhouse culture in winter and for the garden in summer.



Marguerite Carnation

MARGUERITE—This beautiful new race flowers four months after sowing the seed. Its profusion of bloom, variety of colors and delicious perfume will insure its popularity in all gardens where cut flowers are in demand. Pkt., 15c; 2 for 25c.

FINEST GERMAN—Mixed colors; saved from extra fine, double, named flowers. Pkt., 25c.

## Castor Oil Bean

Blood-red stalks and clusters of red fruit. 8 feet. Pkt., 5c.

## Chrysanthemum

Mixed annuals. Pkt., 5c.

## Cockscomb

Free-blooming, graceful plants, growing best in rather light soil, and producing spikes of beautiful, feathery, comb-shaped flowers. Grown in pots, they are fine for yard or conservatory. The plumed varieties are fine for cutting and drying for winter bouquets, when in full bloom and before they fade. Half-hardy annuals. Dwarf mixed varieties. Pkt., 10c.

## Dwarf French Cannas

Highly ornamental plants, producing a rich effect by their broad, massive foliage, terminated by racemes of crimson, orange or scarlet flowers. Soak the seed 12 hours in warm water before planting. Pkt., 10c.

## Cosmos



Cosmos

The flowers are borne profusely in loose clusters, and present a charming appearance when the plants are in full bloom, as they wave to and fro in every passing breeze. Seed should be sown early in spring and the plants transplanted in the open border when danger from frost is past. They begin blooming in August and continue until cut down by frost. Mixed hybrids. Pkt., 5c.

**COSMOS**—New early flowering. Pkt., 5c.

## Cypress Vine

One of our most popular vines, with very delicate fern-like foliage, and masses of beautiful, small star-shaped flowers. Mixed white and crimson. Pkt., 5c; oz., 35c.

**RED**—A beautiful shade of red. Pkt., 5c.

**WHITE**—A beautiful white. Pkt., 5c.

## Daisy (Bellis Perennis)

A favorite plant, in bloom from April to June. The seed we offer is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring.

**MIXED**—All colors; 4 inches. Pkt., 10c.

**MARGUERITE, or PARIS**—One of the best known and most popular plants, both for house and yard; blooms from May until killed by frost. Pkt., 10c.

**SIESTA DAISIES**—A great improvement upon the old-fashioned daisy, being about 2 or 3 inches in diameter. Very fine. Pkt., 25c.

## Digitalis Gloxiniflora (Foxglove)

Gloxinia-shaped flowers. A lovely type. All colors mixed. Pkt., 5c.

## Everlasting Flowers

**MIXED EVERLASTING**—A good variety; all the useful and favorite sorts. Pkt., 5c.

## Four-O'clock (Marvel of Peru)

A handsome, free-flowering, half hardy perennial, blooming the first season from seed. The flowers, which are produced in clusters, open in the afternoon and wither the next morning. Pkt., 5c.

## Blue Forget-Me-Not (Myosotis Alpestris)

An old favorite. It flourishes best in a moist, shady situation. Succeeds best if sown in autumn and will then flower in early spring. Hardy perennial; 6 inches. Pkt., 10c.

## Feverfew—Double White (Matricaria)

For cutting and pot culture, as well as for beds and borders. Thrives in all soils; blooms until frost. Flowers white, double. Hardy perennial; 18 inches. Pkt., 5c.

## Dianthus, or Pinks

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors, and a profusion of blossoms. The hardy biennials, or Chinese or Japanese varieties, bloom the first season, the same as hardy annuals; 1 foot.

## Double Annual Varieties

**HEDEWIGI (Japan Pink)**—Colors vary from the richest velvety crimson to the most delicate rose. Double mixed. Pkt., 5c.

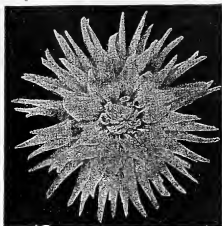
**IMPERIALS (Double Imperial Pink)**—Double variegated. Mixed colors. Pkt., 5c.

**MIXED**—All colors. Pkt., 5c.

**DOUBLE CHINA**—Beautiful full flowers. Pkt., 5c.

**SNOWSTORM**—Double white. Pkt., 5c.

## Dahlia



**DOUBLE FINEST MIXED**—Large flowering. Pkt., 10c.

**SINGLE MIXED**—Large, showy single flowers. Pkt., 10c.

## Gypsophila

Delicate, free-flowering plants covered with star-shaped flowers, valuable for mist-like effects and as trimming in bouquets; also for hanging baskets or edgings. Sometimes called Baby's Breath. Will thrive in almost any well prepared ground, but does best on a limestone soil. Make handsome specimens dried. Pkt., 5c.

## Geraniums

All the leading fine varieties are combined in this lot. The plants grow from 12 to 24 inches high and give a mass of flowers the year round if protected from freezing. Pkt., 25c.

## Morning Glory (Ipomoea)

Tender annuals of rapid growth, with beautiful and varied flowers. For covering old walls, trellises, arbors, stumps of trees, they are invaluable; 15 to 20 feet. Pkt., 5c.

## Moon Vines

**GRANDIFLORA (Moonflower)**—One of the most showy of the annual climbers. A rapid-growing vine, easily reaching a height of 25 to 50 feet during the season. At night and during dull days the plants are covered with large, pure white, fragrant flowers, 5 to 6 inches in diameter. Pkt., 10c.

## Grand "Imperial Japanese" Morning Glory

Grand climbers of strong and robust growth, attaining a height of from 30 to 50 feet. The intermingling vines and brightly contrasting colored leaves are wonderfully pretty and effective, even when the flowers are not open. The flowers measure from 4 to 6 inches across, and their greater substance causes them to remain open much longer than ordinary Morning Glories. The colors, shadings and markings of the flowers are limitless and of incomparable beauty. Some are of deep rich, velvety tones, others daintily tinted and shaded, crimson, bronze and garnet-maroon; from the daintiest blue to the ultramarine, indigo and blackish purple; from snow-white to cream and silver gray. Some are striped, starred and spotted, others have magnificent edges and throats. They are of the earliest culture. Grow early in a warm, sunny position in good, rich soil, and give plenty of water in dry summer. Mixed colors. Pkt., 10c.

## Climbing Gourds—Ornamental



Gourds

Rapid-growing, interesting plants with ornamental foliage and singularly shaped fruit. Tender annuals; 15 to 20 feet. Fine mixed varieties. Pkt., 5c.

## Heliotrope

Every one loves the delightful fragrance and beauty of the heliotrope, but very few are aware of the fact that it can be raised from seed as verberna. Fine mixed. Pkt., 10c.

## Hollyhocks

Few hardy plants combine as many good qualities or lend themselves as readily to varied uses as the hollyhock. Extra choice double mixed. Pkt., 10c.

## Hyacinth, or Jack Bean

A rapid-growing plant, flowering freely in clusters, used for covering arbors, trellises, etc. Sow the seed in the garden. Tender annuals; 110 feet. Mixed. Pkt., 5c; oz., 10c.

## Humulus Japonicus (Japanese Hop)

Annual climbers of very rapid growth, with dense foliage. The leaves remain bright, fresh and rich looking until late in the fall.

**JAPONICUS**—Leaves plain green, something like those of the common hop. Seed sown in early spring produces plants which will cover a wide space in a short time. Pkt., 5c.

**JAPONICUS VARIEGATUS**—Leaves broadly edged with cream color; marked and shaded with silver white and deep green; often a whole branch and its leaves will be pure white. At a little distance the plant looks as if it were covered thickly with white blossoms. It is very vigorous and hardy, grows with great rapidity, soon covering a whole space. Pkt., 10c.

## Honeysuckles

Fine, hardy climber; once planted, always ornamental for house or fence; color scarlet. Pkt., 10c.

## Ice Plant

The most suitable plant grown for hanging baskets, leaves of dark green and glossy color hanging down one to two feet. Pkt., 5c.

## Kochia (Mexican Fire Bush)

Pretty ornamental plant with fine, feathery foliage; light green, turning to blood red in autumn. Pkt., 10c.

## Lantana

There is certainly no plant which makes more show, and which gives more blooms and satisfaction in some corner of the yard, side of the house or any sunny, hot place, where nothing else will grow. Best mixed. Pkt., 10c.

## Larkspur

**DWARF GERMAN ROCKET**—Finest double mixed. Pkt., 5c.

**DOUBLE STOCK-FLOWERED**—A tall, branching variety, with beautiful long spikes of flowers. Pkt., 5c.

## Marigold

**LARGE AFRICAN**—Tall, double; orange, brown and yellow mixed. Pkt., 5c.

**DWARF FRENCH**—Fine color. Mixed. Pkt., 5c.

## Mignonette (Reseda Odorata)

The fine old variety with small spikes of delightfully scented flowers. Pkt., 5c; oz., 15c.

## Nasturtiums (Dwarf Tom Thumb)

Few flowers impart such rich "bits of beauty" to the garden as the different types of nasturtiums. In addition to their use in the garden and on trellises, we would recommend planting the seed free along fences, hedges, etc., or wherever it is desired to have bright colors in profusion.

Free-flowering and very desirable for bedding, vases and pot plants. Plant seed an inch deep in rows, 1 to 2 feet apart, when the trees are starting out in leaf; thin to stand 10 or 12 inches apart, as the plants are liable to rot off in wet weather, particularly in rich soils, if planted too close together. These come in all shades and colors assorted. Pkt., 5c; oz., 10c; 1/4 lb., 35c.

### TALL NASTURTIUMS

Choice mixture of the finest varieties; 6 to 10 feet. Pkt., 5c; oz., 10c; 1/4 lb., 35c.

## A Few Choice Pansies

Plant pansy seed from October 15th to February 1st. We secure our pansy seed from the best American, French and European growers, and offer as fine a quality as can be grown.

**KING RUFUS**—Fine bright red. Pkt., 10c.

**PRESIDENT WILSON**—Large size, of a beautiful blue shade, gradually deepening to a purple. The finest of its color. Pkt., 10c.

**SNOW QUEEN**—Handsome pure white flowers. Pkt., 10c.

**SUNSHINE**—Beautiful mahogany colored blossoms. Pkt., 10c.

**FAUST**—Rich, deep black. Pkt., 10c.

**KING OF YELLOWS**—Clear yellow flowers. Pkt., 10c.

**FINEST MIXED**—Different shades and colors. Pkt., 5c.

**ENGLISH SHOW MIXED**—All the richest and most delicate colors. Pkt., 10c.

**CASSIER'S MIXED**—The latest creation in pansies. Blossoms are of enormous size and are most beautifully blotched, marked and striped in an inconceivable variety of colors. Pkt., 25c.

## Petunias

No annual of the garden is more lavish with its flowers or more readily adaptable to any and every purpose than the petunia. So popular has it become that enthusiasts have given years of patient care to its improvement, and we now have superb show varieties, fringed and ruffled and doubled, mottled, striped and self-colored.



Double Petunias

**GIANTS OF CALIFORNIA**—This is the largest strain of petunias ever sent out. The large, beautiful, fluffy blossoms are handsomely crimped, fringed and ruffled, and come in white rose, velvet crimson-black, etc. Pkt., 25c.

**INIMITABLE**—Striped and blotched. Very effective. Pkt., 10c.

**GOOD MIXED**—Pkt., 5c.

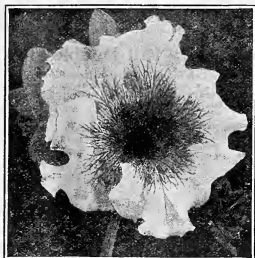
**LARGE FLOWERED SINGLE FRINGED**—A choice mixture from superb strains. Pkt., 25c.

**LARGE FLOWERED DOUBLE FRINGED**—All the best colors. Pkt., 30c.

**ROSE**—Fine pink. Pkt., 10c.

**SNOWBALL**—Fine white. Pkt., 10c.

## Petunias, Single



Single Fringed Petunia

## Phlox

**DIAMOND**—For a splendid mass of colors and a constant display this is not excelled by any other annual. Its color ranges from purest white to blood-red or crimson. For masses of separate colors and for cutting for bouquets or vases it is unsurpassed. The seed may be planted in the open ground in March, or in hot-bed or house earlier, and afterward transplanted to permanent quarters. Give good, rich ground, and set plants 8 to 10 inches apart each way. Hardy annuals. 1 foot. Finest mixed, all colors. Pkt., 10c; oz., \$1.00.

**DIAMOND GRANDIFLORA**—These are a decided improvement on the old class, with larger flowers, a better range of colors and more compact growth. Pkt., 15c; oz., \$1.25.

## Portulaca

There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of brilliant multi-colored portulacas. They thrive best in a rich, light, sandy soil and an exposed sunny situation. Half-hardy annual.

**DOUBLE MIXED**—All colors. Pkt., 10c.

**SINGLE MIXED**—All colors. Pkt., 5c.

## Golden Feather (Pyrethrum)

**AUREUM (Golden Feather)**—Bright yellow foliage. Pkt., 10c.  
**ROSEUM (Persian Insect Powder Plant)**—Flowers a bright rose. Pkt., 10c.

## Poppies

**CARNATION-FLOWERED (Double Annual Sorts)**—Splendid double fringed flowers. Mixed colors. Pkt., 5c.

**PEONY-FLOWERED**—Large, showy, double globular flowers; well adapted for shrubbery, etc. Mixed colors. Pkt., 5c.

**UMBROSUM (Single Annual)**—A fine variety, producing flowers of richest vermilion, with a deep shining black spot on each petal. Pkt., 5c.

**SHIRLEY**—The range of color is so varied that scarcely two flowers are alike, while many are delicately edged and striped. Pkt., 10c.

**ICELAND (Nudicaule)**—Hardy perennial sorts. These are perfectly hardy and produce an endless profusion of flowers which are most useful for cutting. They are of a very graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches in height, surmounted by yellow, white or orange-scarlet flowers. Pkt., 10c.

## Scarlet Sage or Salvia

Beautiful scarlet flowers. Best summer flower. Pkt., 10c.

## Scarlet Runner Beans

A rapid-growing annual climber, bearing sprays of brilliant scarlet pea shaped blossoms. Used either as a snap or shell bean for eating as well as being desirable for ornamental purposes. Seed may be planted out of doors as soon as danger of frost is past. Vines 10 to 12 feet high. Pkt., 5c.

## Snagdragon

One of the most showy and useful yard plants. Hardy perennials, blooming the first year, if the seed is sown early; to 2 feet. Pkt., 5c.

## Stocks, Ten-Weeks

Large Flowered Dwarf. Fine mixed. Pkt., 10c.  
Large Flowered Branching. Mixed. Pkt., 10c.  
Cut and Come Again. Mixed. Pkt., 10c.

## Sunflower

Remarkable for the stately growth, size and brilliancy of their flowers, giving a very good effect among shrubbery, and for screens. Hardy annuals.

**GLOBOSUS FISTULOSUS (Globe Sunflower)**—Flowers large, double; rich saffron color; 6 feet. Pkt., 5c.

**MAMMOTH RUSSIAN**—This variety is large cultivated for the seed. The plants produce large heads, measuring 12 to 15 inches in diameter, which contain an immense quantity of large seeds, that make a valuable and healthy food for fowls, who eat them greedily, fattening well and causing the plumage to take on a bright, lustrous appearance. They are also good for making chickens lay. Small portions of the seed fed to horses and other stock during winter months serve to keep them in fine, healthy condition. It is also claimed they will keep off malaria. Pkt., 5c; price (prepaid) 25c per lb.; not prepaid, 10 lbs., \$1.25.

## Sweet William

A beautiful free flowering, bright looking annual; grows 12 to 15 inches high and blooms all summer; flower star-shaped and come in all colors of the rainbow. Mixed colors. Pkt., 5c.

## Sweet Peas

10c per large pkt.; oz., 25c; ¼ lb., 90c; 1 lb., \$3.50.

### A SELECT LIST OF SWEET PEAS

Plant Sweet Pea seed from November 1st to February 28th.  
**AMERICA**—Striped blood scarlet on white; large and striking. One of the prettiest of the entire list.

**ALICE ECKFORD**—Rosy buff pink; wings white, delicate and pretty.

**AURORA**—Striped rosy orange on white; very attractive.

**BLACK KNIGHT**—Deep maroon, veined black; large and open form.

**BLANCHE BURPEE**—Large, pure white; of graceful form.

**CAPTAIN OF THE BLUES**—Bright purple and pale blue.

**CAPTIVATION**—Claret magna; wings heliotrope; a distinct shade.

**COUNTRESS OF RADNOR**—Rosy lavender; wings pure lavender.

**ELIZA ECKFORD**—White, shaded and edged with light on standard.

**EMILY ECKFORD**—Heliotrope blue; wings lavender blue.

**EMILY HENDERSON**—Splendid pure white; good for forcing.

**EXTRA EARLY BLANCHE FERRY**—Rose red wings; very profuse.

**GRAY FRIAR**—Beautiful grayish lavender, on white ground.

**KATHERINE TRACY**—Soft, but brilliant pink.

**LOVELY**—Warm rose pink and extra fine.

**LOTTIE ECKFORD**—White suffused with rosy lilac; edge blue.

**MAID OF HONOR**—Almost white, with light bluish lavender edge.

**PEACH BLOSSOM**—Salmon pink standards; soft pink wings.

**PRINCE EDWARD OF YORK**—Carmine scarlet; wings crimson.

**PRINCE OF WALES**—Fine bright rose; self-colored.

**PRIMA DONNA**—Light bluish pink; very beautiful flowers.

**ROYAL ROSE**—Deep carmine chrome; wings rose pink.

**SENATOR**—Striped maroon and violet on white.

**STELLA MORSE**—Creamy pink, clouded rose apricot.

**THE BRIDE**—Flowers large, pure white.

**ECKFORD'S NEW MIXED**—This strain, although not embracing the latest novelties, contains a beautiful assortment of the famous Eckford Sweet Peas. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

**GOLD MEDAL MIXED**—One of the most satisfactory ways of growing sweet peas is in a mixed row. Many new combinations are obtained by cross fertilizing, and if good varieties are planted the result is sure to be satisfactory. Our Gold Medal Mixture has no superior, and contains all bright varieties in proper proportion, mixed from many standard varieties. Our long experience and ample facilities enable us to produce a mixture that will not only give an abundance of the finest flowers, but will also include varieties which are sold in separate colors. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

**CALIFORNIA GIANT MIXED**—The enormous size of the flowers and freedom with which they are produced recommend this mixture to all. Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.50.

## Verbena

The most popular flower for the yard; of low growing, spreading form, each plant spreading 2 to 3 feet, and a mass of flowers the whole season. Plants are hardy and will stand our winters in Texas. Fine mixed. Pkt., 5c.

**VERBENA**—Pure White, Tiger Striped, Scarlet Queen, Lavender Beauty. Pkt., 5c.



## Violets

No plant more suitable for borders around walks and flower beds; in bloom from November to May. Pkt., 15c.

## Vinca

(Madagascar Periwinkle)

The Vincas are among our most satisfactory bedding plants; they are very ornamental and bloom freely from early summer until destroyed by frost. In the fall they can be potted for the house, and kept in bloom through the winter.

ROSEA—Fine rose color. Pkt., 10c.

ROSEA ALBA—White, rosy eye. Pkt., 10c.

ALL COLORS—Mixed. Pkt., 10c.

## Zinnias—Youth and Old Age

These attractive and decorative hardy annuals are most de-

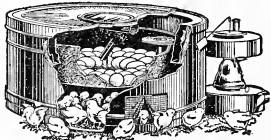
sirable plants for mixed borders or bedding purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful for bouquets. The double Zinnias are exceedingly handsome, the flowers being notable for their large size, fine form, brilliancy and diversity of color. The plants come quickly from seed and are easily transplanted.

## Elegans Fl. Pl., Tall Double Flowered

**MIXED**—This is a mixture of the largest Zinnias; plants are of vigorous growth, about 3 feet in height and very profuse of bloom. The flowers are extremely double, and very brilliant in color. Pkt., 5c; oz., 40c.

**LILLIPUT DOUBLE MIXED**—This strain grows about one foot high and bears a profusion of comparatively small, very double, globular flowers about one inch in diameter, very brilliant in color. Pkt., 5c.

# Poultry Supplies



Here is an incubator that has proven its superiorities to thousands of poultry raisers and an incubator constructed along the most practical lines embodying the "Mother Hen principles." Its superior heating and ventilating system absolutely controls the moisture. Send for the Free Simplicity book. Read some astonishing facts about incubators before you select your machine. The book is free; a postal will bring it.

50 egg size.....	\$12.00
100 egg size.....	18.00
150 egg size.....	21.00

## CRUSHED OYSTER SHELL

As egg shells contain a large percentage of lime, it is important that you keep the fowls well supplied with this substance in one form or another. Oyster shell supplies this necessary material in a most satisfactory manner, and is low in price.

**Directions**—Keep coarse shell in a hopper before the fowls, allowing them free access to it at all times. Fine shell to be mixed with the soft food, composing about one-twentieth part of the mash.

Price: 10 lbs., 25c; 50 lbs., 80c; 100 lbs., \$1.50.

## Pearl Grit

It is an established fact among poultrymen that in order to make the poultry business a success a first-class grit must be used. Ordinarily water-washed, smooth pebbles are not "grit." Grit must have a formation which enables it to retain its grinding qualities under the relaxation and contraction of the gizzard.

Pearl Grit should be kept in a hopper before the fowls, allowing them free access at all times.

Price: 10 lbs., 35c; 50 lbs., \$1.10; 100 lbs., \$2.00.

## Conkey's Starting Food For Chicks

**CONKEY'S BUTTERMILK STARTING FOOD**—Supplies buttermilk to the chicks in dry form, with only the water eliminated. You get the feed value of the buttermilk plus the lactic acid which acts as a preventive measure against disease, but not the stinkiness and unsanitary condition of ordinary buttermilk.

By using dry buttermilk as an ingredient in Starting Food, we believe we are offering to the poultrymen the best balanced and most satisfactory Starting Food that has ever been put out. Write for prices. 3 lbs., postpaid, 50c.

## Alfalfa Clover Meal

Among those who are unable to obtain a plentiful supply of green stuff, Alfalfa Meal should fill a long felt want, it being an excellent substitution, and a very nutritious food, which, when mixed with the mash, also affords bulk to the concentrated foods.

**Directions**—Place in a water-tight vessel, pour boiling water over it, cover with a tight lid, and let it steam and soften for about twelve hours. Mix with the soft food, allowing the meal to compose one-tenth part of the mash.

Price: 50 lbs., \$2.25; 100 lbs., \$4.00.

## Poultry Accessories



## Wall Founts

Founts have hoods over the troughs, which prevent dirt from settling in the water. Can be hung up on the wall, and for this reason are preferred by many to the 2-piece fount, which

## Feed for Poultry and Other Fowls

PRICES SUBJECT TO MARKET CHANGES.

### Special Chick Feed

Special Chick Feed is the right food for chicks; mixed ready for use, comprising the proper proportions of cracked grains, small seeds, grit, shell, bone and beef scraps (to take the place of worms and bugs), charcoal to promote digestion, all combine to produce a quick and profitable growth without loss by disease and weakness caused by ordinary feeds. Price: 4-lb. bag, 25c; 50-lb. bag, \$2.75; 100-lb. bag, \$5.25.

### Special Hen Food

Special Hen Food is a re-cleaned uniform mixture of grain seeds, shell, etc., properly proportioned to meet the needs of the thriving fowl. Price: 5-lb. bag, 25c; 50-lb. bag, \$2.50; 100-lb. bag, \$4.75.

### Pigeon Supplies

**CANADIAN FIELD PEAS**—These are largely used for feeding pigeons. Write for prices.

**SPECIAL PIGEON FOOD**—A properly balanced mixture of a number of grains and seeds so proportioned as to keep the old birds in good condition and help the young ones to grow strong and healthy. Nothing but the highest quality of grains and seeds are used. There is no waste—the birds eat every particle. 4 lbs., 25c; 50-lb. bag, \$2.75; 100-lb. bag, \$5.00.

**GRAINS AND SEEDS**—We carry a full and complete stock of all grains and seeds, such as hemp, Kafir corn, red wheat, etc., for pigeon feeding. Prices on request.

### "SPECIAL" BEEF SCRAPS

Rather finely ground. Considered the best on the market. Price: 3 lbs., 25c; 50 lbs., \$3.50; 100 lbs., \$7.00.

### FINE GROUND BONE

For mixing once a day with soft feed this is unsurpassed.

**Directions**—It should compose about one-tenth part of the daily mash.

Price: 3 lbs., 25c; 50 lbs., \$3.50; 100 lbs., \$7.00.

### CRACKED BONE FOR POULTRY

Manufactured from fresh, clean bones, perfectly pure and sweet.

**Directions**—Should be fed to the poultry daily, about a handful to every five fowls like grain or any other feed.

Price: 3 lbs., 30c; 50 lbs., 60c; 100 lbs., \$7.00.



must be placed on the floor. The 1-gallon and 2-gallon sizes have flat backs to hold them firmly against the wall when they are hung. Price: 1-gallon, 85c; 2-gallon, \$1.00. Add 10c postage.



### Round Bottom Grit and Shell Box

Most grit and shell boxes have square bottoms, while this grit and shell box has a round bottom, which prevents the fine particles of shell and grit clogging the corners. Can be set on floor, or hung on wall. Price: 90c. Add 10c for postage.

### Chick Feed Trough

The bottom of the trough being round in shape, makes it superior to all others, as it can be easily cleaned and prevents food from becoming stale in corners. The grate slides easily on and off—a feature not found in any other chick trough. In carrying the trough the grate may also be used as a handle, and is so slanted that chicks cannot roost on it. Made in two sizes. Price: 50 and 60c. Add 10c for postage.



### Favorite Dry Mash Hopper

Years of experience with this type of hopper, with changes from time to time to improve it, has enabled us to put on the market a Dry-Mash Hopper that fulfills every need. The wire grid is raised or lowered as required for coarse or fine mash. The curved bottom of the hopper always keeps the feed within easy reach of the birds. The flange at the edge prevents any possibility of waste and the small wires extending from the flange to the wire grid prevents the birds from throwing the feed sideways out of the hopper. The most distinctive feature about this Favorite Dry-Mash Hopper is the fact that it is an inch wider at the lower side than at the top, thus making it utterly impossible for the food to clog. Price: \$1.50 for 12-inch \$3.00 for 18-inch; \$2.50 for 24-inch, not postpaid.



### Square Drop Bottom Drinking Fountains

These drop-bottom drinking fountains are new, and made of No. 28-gauge galvanized steel. The bottom can be swung open

with one hand, as it is secured by one spring in the front, while most fountains have a spring on each side, requiring both hands to open; even then they are opened with considerable trouble. The rod which extends through the hinge of the drop bottom is made of solid brass, preventing possibility of rust or of breaking off. Price: 50c.



### Round Bottom Dry Food Hopper

The round bottom of this food hopper keeps dry mash or beef scraps easily within reach of fowls. Because of this feature, the food cannot clog in corners and become stale. This hopper has a lid so that it can be closed during the forenoon, which is generally desired by poultrymen. Made of 28-gauge galvanized steel, with all turned edges painted green to prevent possibility of rusting. Price, \$1.00. Add 10c for postage.

### Parcel Post Egg Carriers

These cartons are made of extra heavy corrugated cardboard, made especially for mailing. One dozen size, \$1.50 per dozen; 2 dozen size, \$2.00 per dozen; 3 dozen size, \$2.50 per dozen.

### Nest Eggs

**PORCELAIN**—These eggs are made of first-class glass. They do not break easily and will last a lifetime. 5c each; 40c per dozen.

### Leg Bands

**ADJUSTABLE**—Latest and best adjustable Leg Band out. Has neat, compact and smooth fastening with no catching points, easily attached and are absolutely secure. 15c per dozen; 25c for 25; 50c for 50; 90c for 100.

### Poultry Markers

**PERFECT POULTRY MARKERS**—It makes good, clear, clean cut, and doesn't mutilate the web as do many cheap punches. 50c, postpaid.

**THE PHILADELPHIA POULTRY MARKER**—Made in two sizes, one for chickens and one for adult fowls. 25c, postpaid.

**THE RELIABLE POULTRY PUNCH**—For marking the web between the toes. The very best and handiest marker. By mail, 35c.

**HIGH GRADE TESTED THERMOMETERS**—The best incubator or brooder manufactured is worthless unless the thermometer used therein is accurate. Hundreds of hatches fail in incubators because of inferior thermometers, and large numbers of chickens are killed in brooders owing to defective or worthless thermometers.

Brooder Thermometers, 75c each, postpaid.

Incubator Thermometers, 85c each, postpaid.

### Tobacco Dust

Fine for putting in dust box for fowls. Lb., postpaid, 30c; by express, lb., 15c; 10 lbs., \$1.00; 100 lbs., \$7.50.

### Tobacco Stems

Fine for placing in hens' nests. Lb., postpaid, 30c; by express, lb., 10c; 10 lbs., 75c; 100 lbs., \$5.00.

## Poultry in Demand

Cut down the high cost of living, assist our government, buy poultry needs, incubators, etc.

## Conkey's Reliable Remedies



**CONKEY'S ROUP CURE**—Is a positive cure for all forms of this disease. It is placed in the drinking water; the fowl takes the medicine without knowing it, and you are relieved of any inconvenience. Coming in contact with the head and throat membranes, it kills the germ at once. It is simply taken up by the system, and being a strong tonic and blood purifier, cleanses the blood and builds up the system. It is equally effective for turkeys and for canker in pigeons. 50c, 60c and \$1.30.

**CONKEY'S LIMBER-NECK REMEDY**—Is very effective in the cure of this terrible disease. 60c per box (65c postpaid).

**CONKEY'S SCALY LEG REMEDY**—Scaly leg is caused by parasites under the scales of the feet and legs. This remedy is guaranteed to cure it. 60c per box (65c postpaid).

**CONKEY'S BRONCHITIS REMEDY**—Bronchitis is often confused with roup. This remedy is a guaranteed cure if given in time. 60c per box.



**CONKEY'S LAYING TONIC**—Will keep fowls in the best of health, shorten the moulting period and increase the production of eggs. 1½-lb. pkg., 30c; 3¼-lb. pkg., 60c; expressage extra; 12-lb. pails, \$1.40.

**CONKEY'S LICE LIQUID**—Conkey's Lice Liquid, painted or sprayed over the roosts, etc., will quickly and effectively rid fowls of lice. Qt., 50c; 2 qts., 75c; expressage extra.



**CONKEY'S LICE POWDER**—Can be absolutely relied upon to rid your poultry of lice. It will also kill lice on horses and cattle, ticks on sheep, bugs on tomato plants, rose bushes, etc. 5 ozs., 15c; 15 ozs., 50c; 48 ozs., 60c; 1c per oz. for postage.

**CONKEY'S FLEA SALVE**—Will positively rid fowls of "stick-ticks," which are a troublesome pest in this Southern climate. 50c per box.

**CONKEY'S HEAD LICE OINTMENT**—Head lice annually kill thousands of little chicks; in fact, are the greatest cause of their loss. Conkey's Ointment is a non-poisonous, perfumed preparation that is instant death to these insects. Also good for scaly leg. Ounce tin, enough for 100 applications, 15c, postpaid; 5-oz. tin, 30c.

**CONKEY'S GAPE CURE**—Positively cures and is given without trouble or loss of time. Put in a soft feed. It builds up the general health and kills the worms. 60c per box.

**CONKEY'S CHICKEN POX, OR SORE HEAD REMEDY**—Most valuable for this disease, commonly known as sore head; guaranteed. 60c per box.

**CONKEY'S NOXICIDE**—A non-poisonous, soluble disinfectant and germ-destroyer. By mixing with water, one gallon of Noxicide will make 10 gallons of disinfectant. Pt., 40c; qt., 70c; gal., \$1.75.

**CONKEY'S POULTRY TONIC**—A splendid remedy for fowls recovering from disease, and during the moulting season. Also for chicks which do not seem to thrive. 50c.



**CONKEY'S CHOLERA CURE**—It is a positive cure for bowel trouble, indigestion, diarrhoea, dysentery, cholera, etc., in fowls. Tones up the system at the same time. Put in the drinking water. We guarantee it. 50c and 60c per box.

### CONKEY'S FLY KNOCKER

Prevents flies from annoying stock. It is perfectly harmless, has a pleasant, pungent aroma, and actually keeps flies and mosquitoes out of range of its odor. It kills every insect it hits and keeps others out of buzzing distance. It will add flesh to stock in fly time, and its use in summer will prevent lice, and grub in winter. For spraying this liquid we recommend the Conkey Sprayer. Qt., 60c; ½ gal., 90c; 1 gal., \$1.50.

### GERMOZONE

A germicide—A bowel regulator. Its name signifies its value. The only reliable cure for poultry diseases such as Roup, Cholera, Bowel Complaint, Chicken Pox, Frosted Combs, Limberneck, Canker, etc. Not only a cure, but equally effective for preventing disease. Most poultry diseases originate from colds or from internal disorders. Germozone goes immediately to the seat of the trouble and, unless the disease is in its last stages, will invariably effect a speedy cure. Its uses are varied—its healing properties wonderful. There have been some so-called cures for certain poultry diseases, but none until the discovery of Germozone that could do the work of a general poultry medicine. 65c; in bottle or tablets.

## Talbot's Chicken Lice Exterminator

There are about thirty kinds of chicken lice and chicken ticks. Their environment being different makes it necessary to treat thoroughly in the different ways recommended in the directions for treatment so as to absolutely exterminate them. The chicken or hen louse is a feather clipper; breeds and lives on the body of the fowl, consequently, to effectually destroy this class treat the chickens individually by opening the feathers and sifting the exterminator onto the body of the fowl, taking particular care to distribute it thoroughly.

Mites and other forms of chicken ticks are destroyed by dressing the coops and pens, taking care to distribute the exterminator along ledges and roosts, leaving it in all places where it can remain undisturbed, as explained in our directions for use. Price: pkt., 30c; by mail, postpaid, 35c.

## Martin's Wonderful Blue Bug Killer

Martin's Wonderful Blue Bug Killer is a powder to be given to chickens with bran. For every 12 chickens give one large tablespoon of Martin's Wonderful Blue Bug Killer to one quart of bran; mix well and wet until crumbly, feed this one quart of mixture once a day for one week, mix fresh every day; for more chickens feed in proportion. Where the chickens are infested very badly with these bugs continue treatment for 10 days. Martin's Wonderful Blue Bug Killer is not harmful to chickens or eggs, and either can be eaten while under treatment. This remedy is guaranteed to kill the blue bugs if used as directed. Price: 25c and 50c add postage.

## Rabbit Supplies

1-Qt. Water and Feed Cocks, 15c each, postpaid; \$1.30 per dozen by express, not prepaid.

Large Size Hay Racks, \$1.35, postpaid. Small, 95c.

Gibson's 200-page Book on Breeding and Care of Rabbits, \$1.05, postpaid.

C. P. Gilmore's New Zealand Red Rabbit Culture Book, 30c, postpaid.

20th Century Rabbit Guide, 5x7. Contains 64 pages on the care of Rabbits from the beginning. 50c, postpaid.

We carry in stock everything from a Hutch Card to a Rabbit Hutch. Write us your wants and we will gladly furnish you prices and information.

We carry a full line of Gilmore's and Caldwell's Farm Remedies.

**PINOLA.** Is absolutely non-poisonous, being made from the oils of pine eucalyptus; fine for the hutches and for the rabbits; it keeps them healthy. Sufficient amount to make five gallons, 60c, postpaid.

**CALDWELL'S RABBIT TONIC**—We state that it is natural for a rabbit to eat a certain amount of medicinal roots, herbs, barks and seed, such as is used in manufacturing rabbit tonic. It is a well known fact that they eat things when running wild, it stands to reason. 50c box, postpaid.

**EAR CANKER**—The most common disease of rabbits. 40c, postpaid.

**SNUFFLE REMEDY**—80c, postpaid.

**ACME**—Disinfecting and paint or whitewash. Lb., 30c, postpaid; 3 lbs., 65c; 6 lbs., \$1.10, postpaid.

**Breeding Records and Hutch Cards**—25 for 50c, postpaid; 100, 65c.

**VENT DISEASE**—The name given to inflammation of the vagina, a most contagious disease, one which often arises from dirty hutches. It fortunately is easily relieved by the use of Caldwell's Ointment. 40c, postpaid.

Write for free booklets and special prices in quantities.

## Insecticides and Fungicides

### Save Your Crops by Spraying with Our Insecticide

### Sulpho Tobacco Soap

Efficient insecticide for in and out-of-doors non-leaf-eating pests, on plants, trees and shrubs. It is also very effective on sheep, cattle, horses and dogs. Large package, 8 ozs., only 20c; small size, 4 ozs., only 10c.

A beautiful pamphlet on "How to Grow and How to Care For It." This little book is called the window garden, and is given free with all Sulpho Tobacco orders.

### Nico Fume Liquid

This highly concentrated free nicotine solution is extensively used by florists without injury to greenhouse plants such as roses, carnations, lilies and chrysanthemums, for Green Aphids, Thrips, etc., also for Leaf Miners and Marguerite Flies. ¼ lb., 50c; 1 lb., \$1.50; 4 lbs., \$5.50; 8 lbs., \$10.50; f. o. b. Dallas.

### Black Leaf 40

"Black Leaf 40" is a concentrated solution of Nicotine Sulphate, guaranteed to contain not less than 40 per cent of nicotine by weight. It is perfectly soluble in cold water; does not clog the nozzle nor corrode the spray outfit; can be combined and applied with Lime-Sulphur, Bordeaux, Pyrox, Arsenate of Lead, Atomic Sulphur and such sprays. It is highly recommended by state and government experts.

It is used as a safe and effective spray for plant lice (aphids), thrips, leaf-hoppers and similar insect pests in the truck garden, orchard, flower garden, grove, park vineyard, etc. One ounce will make 8 gallons spray. Oz., 25c; ½ lb., 75c.

**SPECIAL SPRAYER** for the above two preparations, solid brass cylinder and 1 quart glass tank. \$2.50 each, by express.

### Slug Shot

A fine remedy for potato bugs, beetles, green and black fly, slugs, caterpillars, worms, etc. It is non-injurious to the most tender growths, flowers or fruits. Can be sent by parcel post. Prices: 1 lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00.

**DRY ARSENATE OF LEAD**—The best arsenical insecticide. Lb., 60c; add 10c for postage.

**DRY LIME SULPHUR**—For scale and fungus growths. 25c per lb., by express.

**INSECTO**—A dry bordeaux mixture for mildew, rust and fungus growths. Lb., 50c, by express.

**WHALE OIL SOAP**—Used during the summer as a wash, thus preventing the spread of scale. 1-lb. pkg., 25c.

### Paris Green

An excellent aid in combating the ravages of the potato beetle, cabbage worm, turnip beetle, and many other leaf-eating insects. It is very powerful and must be greatly diluted, generally 1 pound to 100 gallons of water. Per lb., 75c. Cannot be mailed.

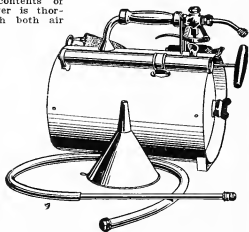
### Tobacco Dust

An effective and cheap remedy for many bugs, worms, lice and spiders on cabbage, squash, melons, cucumbers, etc. Best applied when foliage is damp; it then sticks to the leaves. Is very strong in nicotine. Prices: prepaid, lb., 30c; not prepaid, 25 lbs., \$2.00; 100 lbs., \$7.50. Can be sent by parcel post.

**PRUNING COMPOUND**—For use after pruning trees and shrubs. Disinfects and seals after pruning; prevents bleeding. Price, 65c per qt., by express.

## Lowell Fountain Compressed Air Sprayer No. 110

It is devoid of complex or intricate parts; is both automatic and positive in its action; one charge or pumping is sufficient to expel entire contents of tank. Each sprayer is thoroughly tested with both air and water pressure before leaving the factory. Heads are riveted and dipped into molten solder, making it absolutely airtight and the strongest air pressure made—standing five times the pressure necessary to operate. With each machine is furnished a Tree Attachment, consisting of 3/4-inch Red C-I Rubber Tubing with brass spraying nozzle for small tree and shrub spraying; Spray Crook nozzle 3 inches long for potato spraying; Funnel with brass wire strainer cloth for filling; and adjustable shoulder strap for carrying. Capacity, 3 gallons. Made in brass and galvanized steel. Prices, Galvanized Steel, Aluminized, \$7.50. Weight, crated, 20 lbs.



## Lowell's No. 120 Compressed Air Sprayer

Same as the No. 110, only one gallon capacity, without the attachments. Price: \$4.50 each.

## Lowell Continuous Sprayer No. 115

Capacity, one quart, all tin. Gives uniform continuous spray on all strokes of the plunger. The spray tube and nozzle, as well as the syphon tube, are all removable for the purpose of cleaning. It will handle fly oils, insecticides and disinfectants as well as the regular spraying materials with great rapidity, giving a fine, effective spray. Parcel post weight, 2 pounds. Price: \$1.00.

**NUMBER 116**—The same sprayer as the above except it has a galvanized tank and will last very much longer. Parcel post weight, 2 pounds. Price: \$1.25.

## CANARY BIRDS AND SUPPLIES

**AMERICAN CANARIES**—We usually have a supply of these at the following prices:

American male singers, each, \$3.50 to \$10.00.  
American female, each, \$2.00.

**BIRD CAGES**—We have a large assortment of Japanese Bird Cages. \$1.75 to \$5.50 each. Extra Cups for cages, 15c each; 2 for 25c.

## Bird Supplies

Bird Gravel, per box, 15c.  
Bird Manna, per box, 15c.  
Song and Moulting Food, per box, 15c.  
Tonic A, Song Restorer, per pkg., 25c.  
Tonic B, Diarrhoea and other digestive troubles, per pkg., 25c.  
Tonic C, Colds, per pkg., 25c.  
Tonic D, General Tonic, per pkg., 25c.  
Mite Powder, per pkg., 10c.  
Salve for Sore Feet, per pkg., 25c.  
Bird Nests, 15c each, 2 for 25c.  
Bird Nesting, per pkg., 5c.  
Bird Baths, opal, 15c each.  
(Please add postage to above prices).

## Bird Seed

SUNFLOWER—Lb., 15c; 10 lbs., \$1.25.  
SUNFLOWER and HEMP MIXED—For parrots. Lb., 20c.  
HEMP—Lb., 20c.  
CANARY—Lb., 30c.  
RAPE—Lb., 25c.



## Lowell Sprayer No. 125

Sprayers for lice paint and disinfectants. This pattern is a favorite for poultrymen. Tin; 60c.

## Lowell Baby Midget Sprayer

This sprayer is the same as No. 125 except smaller tank. Pumping tube 10 inches long, capacity one-half pint. Price, 45c each.

## Conkey's Perfect Sprayer

Is a low-price, serviceable pump made of heavily coated tin that will stand wear. 50c each; 65c postpaid.

**LOWELL BLOW POWDER SPRAYER**—In some sections potato growers, stock and poultry raisers prefer to use Paris Green and disinfectants in powder form mixed with dry plaster. To meet such a demand the "Blow" Sprayer is recommended. The powder can hold one quart, and the sprayer is finished in aluminum, giving same an attractive appearance. Price, 85c.

## Powder Gun

These insect powder guns were originally designed to meet a demand for as large a gun as can be held in the hand. A standard article. Price, each, 30c, postpaid.

**RAT CORN**—No Smells—No odors—it mummifies them. No matter where they die, they simply DRY UP. Positively does not smell. Prices: 25c, 50c and \$1.00.

## Talbot's Ant Exterminator

Is a mineral vegetable compound. The vegetable ingredient, a food much desired by the ants, which brings them in contact with the active mineral ingredient which combines with the exudation of the body, forming a chemical combination which destroys the respiratory cells and suffocation of the ant is the result. This explains why a non-poisonous remedy actually kills. 25c and 50c pkg. By mail, postpaid, 35c and 65c.

## Talbot's Roach Exterminator

Is a non-poisonous, odorless powder and no inconvenience or preparation is necessary on the part of the householder for the plying of it for the extermination of the roaches. 30c and 60c cans; by mail, 35c and 65c.

MIXED BIRD SEED—Lb., 25c.

MOCKING BIRD FOOD—Bottle, 50c; by express only.

ROLLER BIRD SEED—Pkg., 50c.

(Please add postage to above prices).

## The Aquarium

**JAPANESE FANTAIL FISH**—By far the most popular of all fancy fish, and the most satisfactory of the imported varieties. The fins and tails are long and of delicate lace-like substance, frequently divided. Beautifully variegated. Nice specimens, 50c, 75c and \$1.00.

**AQUARIUM CASTLES**—A great variety of styles and sizes. 15c to \$1.25 each.

**PREPARED FISH FOOD**—The best food for all kinds of Gold Fish. It does not sour or spoil in the water. Per box, 15c.

**SHIPPING BUCKETS**—Quart tin buckets suitable for holding 3 medium sized fish or less, at 15c each; 4-qt., 20c; 6-qt., holding 12 fish, 25c each.

**GOLD FISH**—While there are now many varieties of Fish, we shall refer only to the older, plain varieties by this name. These are more popular than the fancy new sorts, being more hardy and generally satisfactory. 35c and 50c each, according to size.

**HANGING FISH GLOBES**—These are neat, cheap and consequently more popular than the large aquariums. Capacity about 1/2 gallon. 35c; 1 gallon, 60c; 2 gallons, \$1.00; 3 gallons, \$2.00.

**AQUARIA**—We have a large assortment of them. Write for description and prices. Pebbles to put in aquaria. 15c per box. The above can be sent by express only.

# How Plants Grow



Fruit and flowering plants, climbing vines, shrubbery, etc., whether in pots, gardens, window boxes or hedges need food of an organic nature. To supply chemical fertilizers or stimulants to plants of this nature, is like furnishing whiskey or brandy to a hungry or tired man. It is a temporary relief only, and a detriment instead of a help. To live, thrive, and flourish, and a detriment instead of a help. To live, thrive, and flourish, it needs a rich and nutritious, readily assimilated, and easily digested organic plant food. A food that will make plant life itself and that will bring forth rich colored, healthy foliage and verdure, and an abundance of highly colored, well marked and beautiful flowers.

## "Red" Snapper Plant Food

This is an article made expressly for us and put up in our own containers. It is by far the richest, most nutritious and

yet harmless organic fertilizer for small fruits and house plants, climbing vines and shrubbery ever placed on the market. It is made from specially prepared and finely ground fish bone-meal and nitrogenous cartilage mixed with pulverized tobacco snuff. Fish bones in the crude state has been used for ages as a fertilizer for flowers and shrubs in Holland, Denmark, and by many other flower growing people, but it is only of late that this article has been put up in a concentrated form and ground into a dry meal, perfectly sterilized, clean, and sanitary, so as to be used in the finest homes or conservatories as well as for outside use. Every particle of food is taken up by the plant, giving a most wonderful growth and coloring, the fruit and blossoms come out exceedingly profuse, with a richness of color never yet attained with any other food or fertilizer. Exhaustive experiments have been made with this material and its success has been proven again and again beyond any doubt.

## "Sour Soil and How to Sweeten It"

Too much water and improper drainage makes the soil sour or acid. With a sour soil it is practically out of the question to get good plant growth, at least with a majority of the plant species. It will not assimilate food properly, and the plants will look sickly and thriftless. Many dead leaves and stalks will appear and the plant will be out of condition generally. At such times fertilizers or stimulants tend to make the matters worse instead of better. It is necessary to first sweeten the soil to make it in a receptive mood for furnishing plant life. For this condition nothing is better than Red Snapper Plant Tonic. This tonic has no fertilizing value but it corrects the condition of the soil and aids in the assimilation of the food. With every package of Red Snapper Plant Food we furnish free a package of Plant Tonic. It is packed in a strong paper sack and enclosed in the Plant Food package.

Red Snapper Plant Food comes put up in heavy corrugated paper containers of sufficient strength to ship either by Parcel Post, Express or freight and is sold in 50c and \$1.00 packages. The 50c size contains 24 ounces Plant Food and 8 ounces Tonic. The \$1.00 size contains 4 pounds Plant Food and 8 ounces Tonic. In each package is contained a sixteen page booklet entitled "HOUSE PLANTS AND FLOWER GARDENS—Their Care and Culture." This gives very complete instructions for the successful raising of plants, flowers and shrubbery.

If wanted shipped by parcel post then add 10c for every 50c package and 20c for the \$1.00 boxes.

## FLOWER POTS

These are packed in barrels or boxes and delivered to the express or freight office and receipted for; they are then at purchaser's risk.



	Doz.		Doz.
4-inch, 5c each.....	\$0.40	8-inch, 20c each.....	\$2.00
5-inch, 7c each.....	.60	10-inch, 35c each.....	3.50
6-inch, 10c each.....	.85	12-inch, 60c each.....	6.00
7-inch, 12c each.....	1.25	14-inch, \$1.00 each.....	11.00

## SAUCERS FOR FLOWER POTS

	Doz.		Doz.
5-inch.....	\$0.50	8-inch.....	\$0.65
6-inch.....	.45	10-inch.....	.85
7-inch.....	.50	12-inch.....	1.50

## FERN PANS

They are not so deep as the regular flower pots, and are used a great deal for growing Boston and other ferns in; also asparagus plants, etc.

	Each		Each
6-inch.....	\$0.10	9-inch.....	\$0.25
7-inch.....	.15	10-inch.....	.35
8-inch.....	.20	12-inch.....	.50



# Hardy Bulbs for Outdoor Planting

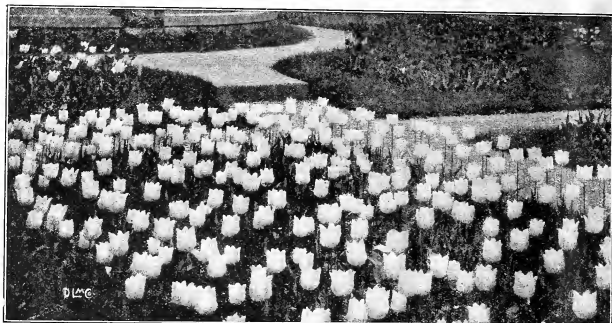
## For Spring and Summer Blooming

In submitting you the below named bulbs we are offering you the very best money can buy. Something that once planted lasts for years, something that will give you more pleasure and satisfaction for your money than any bulb offered anywhere. Try a variety; you will be pleased.

**PEONIES**—Magnificently hardy plants, almost rivaling the rose in perfume, brilliancy of color and perfection of bloom. They are perfectly hardy. Require little or no care, and produce larger and finer blooms when well established. We offer double white, rose and crimson. Price: 50c each. Plant from December 1st to March 15th.

**TUBEROSE, MEXICAN**—This is something new and very fine; blooms the whole summer and is very fragrant; get at least a few for trial. 10c each; 75c per dozen. Plant from November 15th to April 1st.

**GLADIOLUS**—This beautiful flower has come to the front to stay; it not only is used in yards by the thousands, but it is grown by florists in greenhouses by the millions and the demand for the beautiful flowers is increasing with every year. Finest mixed. 5c each; 50c per dozen.



A Bed of Tulips

**LILIUM CANDIDUM**—A hardy lily, blooms in large clusters; pure white. 15c each.

**DAHLIAS**—There is nothing that, with the same amount of money invested, will give more show flowers than Dahlias. We offer bulbs or tubers, 25c each; \$2.50 per dozen. Ready for planting December 1st to April 15th.

**NEW TUBEROSES, DOUBLE PEARL**—Per dozen, 50c; each, 5c.

**AMARYLLIS JOHNSONII**—The only red lily grown that is any good; fine bulbs of these at 35c and 50c each.

**IRIS, GERMAN**—Assorted colors. 4c each, 40c per dozen.

**IRIS, MEXICAN**—Assorted colors, very pretty. 3c each; 35c per dozen.

**IRIS, JAPANESE**—Assorted colors. 15c each; \$1.25 per dozen.

## Bulb Beds

Why not try this in the fall, 1919? Make a bed, plant the bulbs in December or January; cover them at least four to six inches and have the finest bulbs in your city. After the bulbs are through blooming plant the bed in Annuals and have them until frost comes. Allow bulbs to stay in ground all year.

# Bulbs of All Descriptions for Winter and Spring Blooming

**DUTCH HYACINTH**—These come in 12 varieties and colors, single and double. 7c each; 75c per dozen.

**ROMAN HYACINTH**—These are single and our best bloomers; colors, white, pink and purple. 7c each; 75c per dozen.

**PAPER WHITE NARCISSUS**—Grand star-shaped flowers, long stems and very fragrant. 5c each; 50c per dozen.

**TRUMPET MAJOR**—Semi-double Jonquill. 5c each; 50c per dozen.



A Bed of Dutch Hyacinths

**VON SION, or DOUBLE JONQUIL**—Very large double yellow flowers. 5c each; 60c per dozen.

**FREESIAS**—Fragrant. 3c each; 50c per dozen.

**JONQUILS**—Single. 3c each; 50c per dozen.

**CROCUS**—Four separate colors. 2c each; 50c per dozen.

**TULIPS**—Single; 6 colors. 5c each; 35c per dozen.

**TULIPS**—Double; 6 colors. 5c each; 35c per dozen.

**SNOWDROPS**—Finest mixed. 3c each; 50c per dozen.



Double Dutch Hyacinth

**CALLA LILIES**—Mammoth bulbs. 35c each, 1st size, 25c. New bulbs ready September 25th.

**OXALIS LARGE BUTTERCUP**—3c each; 50c per dozen.

**OXALIS**—Mixed colors. 25c per dozen.

**MIXED NARCISSUS**—All varieties, just the thing for yards. 40c per dozen; \$3.00 per 100.



Roman Hyacinth

## CRINUMS

**FIMBRIATUM**—Also called Angel Lily and Milk and Wine Lily. In this the flower is a pure white with a streak of pink down the center of each petal. It is delightfully fragrant and blooms all summer. Price: large bulbs, 35c each.



Freesias



Miniature Dutch Hyacinths; 3 colors, 50c per dozen.

# Funeral Flowers



Beautiful Wreaths  
Pillows, Sprays  
and special designs  
at prices extremely low.



Wreaths .....	from \$ 3.00 to \$25.00
Anchors .....	from 4.00 to 25.00
Crosses .....	from 3.00 to 20.00
Pillows .....	from 5.00 to 30.00
Sickles .....	from 4.00 to 10.00
Stars .....	from 4.00 to 25.00
Harpes .....	from 5.00 to 25.00
Lyres .....	from 5.00 to 20.00
Maltese Crosses .....	from 5.00 to 20.00
Crescent and Star .....	from 7.50 to 18.00
Gates Ajar .....	from 10.00 to 40.00
Other Emblems made to order .....	from 7.50 to 50.00

A large variety of Lodge  
and Society Emblems.....from 6.00 to 40.00

Floral Sprays of Roses, Carnations, Lilies, and  
other flowers in season.

"Say It With Flowers." Flowers cheer the human  
race everywhere from childhood to old age.

This has become one of our main branches. All inhabitants of smaller cities within a few hundred miles of Dallas find it very difficult to obtain floral designs on short notice from their dealers, therefore prefer to send to a reliable place for such. The following will give you an idea of what you can get on short notice. Of course, it will be to your advantage to give us ample time in order that we may give you finer and better work than if done in a rush.

Flowers Express a Sweeter Sentiment than Pen or Poet Can Sketch.

## Bouquets for the Bride and Her Attendants

### BOUQUETS FURNISHED FOR A BRIDAY PARTY

No. 1 Shower Bouquet of Roses and Lilies of the Valley for the bride, consisting of 2½ dozen Bride's Roses, 75 Lilies of the Valley and 15 yards of small shower ribbon, with 3 yards wide ribbon; total cost \$12.50.

Same without shower, \$10.00; Roses and ribbon only, no shower, \$6.50. All Lilies of the Valley Shower, \$15.00; Lilies of the Valley and Orchids Shower, \$17.50 to \$25.

No. 2—Maid of Honor Bouquet; 2 dozen Bride's or Bridesmaid Roses and 3 yards wide ribbon; total cost, \$6.00. Same can be made of Easter Lilies, Carnations and other flowers in season. The other eight were made for the Bridesmaids, of Sweet Peas in Shower style at a cost of \$6.00 each. Same can be made of Carnations, white or pink Roses, white Hyacinths in shower style, from \$4.50 to \$7.50 each, or without shower and tied with nice Chiffon, from \$2.50 to \$5.00.



Bouquets from \$5.00 to \$15.00,  
according to Variety  
and Season

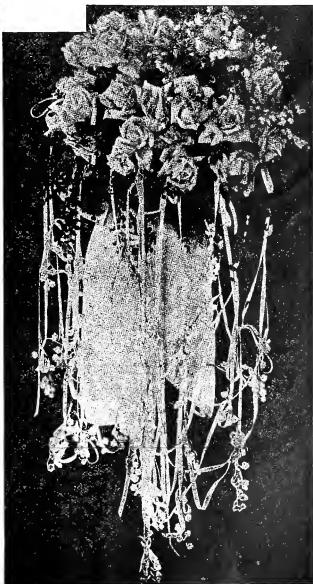
## Flowers for Weddings

**BRIDE'S BOUQUET—**  
White Killarney Roses and  
Lilies of the Valley, with  
Maidenhair Ferns, \$15.00.

There are many ways of arranging flowers for the bride and her attendant. The cut shown on the right is used very extensively and makes one of the most attractive shower bridal Bouquets to be had. Then there is the Arm Bouquet which is made flat and tied with shower and wide ribbon; many bouquets are made of Carnations, others of Easter Lilies, some of all Lilies of the Valley, or Sweet Peas. Don't fail to write for prices, as we can please you.



Our \$7.50 to \$10.00 Bouquet



Our \$12.50 to \$15.00 Bouquet





A Simple Basket of Chrysanthemums like these will add grace to your table. We can also please you in the more elaborate decorations.



Floral Decorations for  
Luncheons  
Receptions  
Dinners etc.



The Bride's Bouquet when made by Langs will be perfect in all its details.



The Bride and her Flower Girls:  
Let us help you work out the details and furnish the little flower girls with the flowers needed to make the affair a success.



## Cut Flowers and Their Seasons

October, November and December—Chrysanthemums, \$1.00, \$2.00, \$5.00, \$1.00 and \$5.00 per dozen.

Roses, \$1.00 to \$2.00 per dozen. Carnations, 75c to \$1.00 per dozen. Holiday prices, double above.

January, February, March and April—Roses, \$1.50 to \$3.00 per dozen. Lilies of the Valley, \$1.50 to \$2.00 per dozen. Carnations, \$1.00 to \$1.50 per dozen. Roman Hyacinths, 50c to 75c per dozen. Narcissus, 75c to \$1.00 per dozen. Jonquils, 75c to

\$1.00 per dozen. Dutch Hyacinths, 75c to \$1.00 per dozen. Chinese Lilies, Freesias, Sweet Alyssum, Snap-Dragons, at moderate prices. Flowers for Easter add one-third to the above prices.

May, June, July, August and September—Roses and Carnations, \$1.00 to \$2.50 per dozen. Tuberoses, Gladiolus, Sweet Peas, Cape Jasmines, etc., at very low prices.



Corsage or Hand Bouquet of Violets

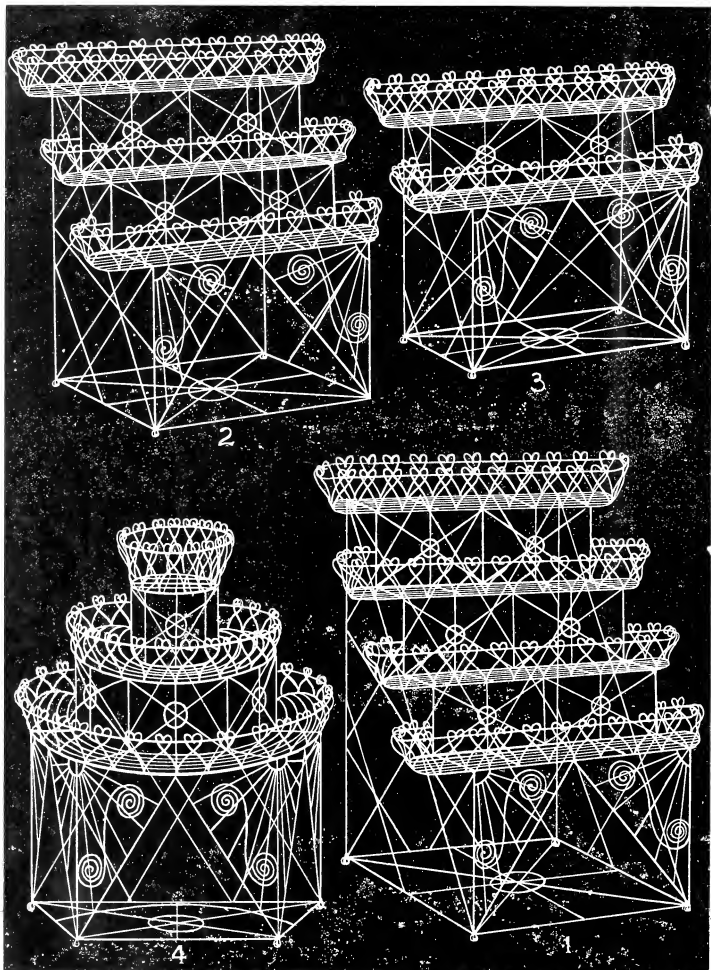


A Bunch of Roses



A standard Bay Tree—An ornament to any home. 5 to 6 feet size, \$12.00 each; 7 to 8 feet, \$15.00 to \$20.00 each.

Try a Pretty Stand. Nothing Prettier to Display Your Plants in Windows, on Porch or Under Trees on Lawn. Cheap, Last a Life-Time.



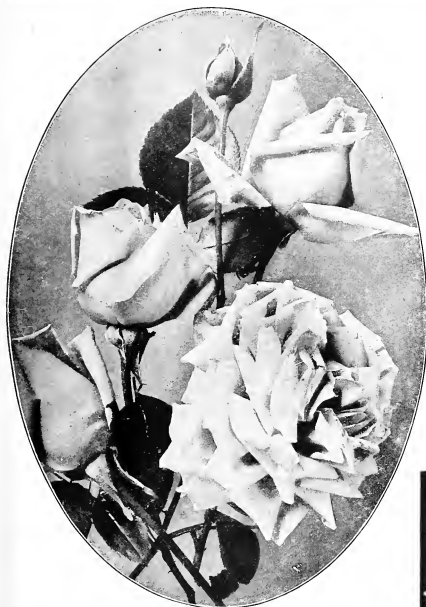
Stand No. 1—Holds about 25 to 30 plants; 48 inches high, 48 inches wide; painted a beautiful green. Price, \$10.00.

Stand No. 2 Holds 18 to 25 plants; 38 inches high; same width. Price, \$7.50.

Stand No. 3—Holds 12 to 15 plants; 50 inches high, 36 inches wide. Price, \$6.00.

Stand No. 4 Half-round, beautiful; 40 inches high; 38 inches wide. Price, \$9.00.

# Special Bargain Collections



In large nurseries there are always some varieties that get mixed or labels lost, and as this applies to the best and higher grades more often than the standard sorts, you will find the largest per cent to be stock worth three times the actual cost here given.

## ROSES

12 large, 2- and 3-year-old fine healthy Roses, field grown, regular 35c and 50c varieties (not labeled).

**\$2<sup>25</sup>**

6 assorted mixed field roses same as above **\$1<sup>25</sup>**

## ASSORTED SHRUB COLLECTION

The following shrubs will make a beautiful bed in yard or in front of house:

- 3 Amurensis
- 2 Althea, assorted
- 3 Bridal Wreath
- Double, Single
- 2 Deutzia
- 1 Bush Honeysuckle
- 1 Burning Bush

6 assorted shrubs from above list for \$1.25.

**Total Value \$4.20.**

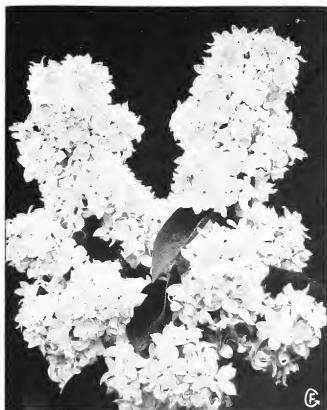
**Our Special Bargain Price . . . \$2<sup>25</sup>**

## Collection of Summer Flowering Bulbs

- 4 Gladiolus, assorted
- 4 Tuberose
- 4 Cannas, assorted
- 4 Iris
- 2 Dahlias

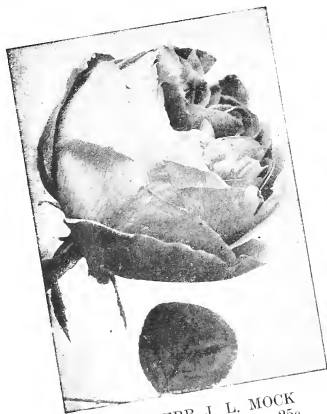
**Total Value \$2.00.**

**Bargain price \$1.25**



**Lang Floral & Nursery Co., Dallas, Texas**

# ROSES



JONKHERR J. L. MOCK  
2-Year, 50c; Pot Roses, 25c



OPHELIA  
2-Year, Field Grown,  
50c; Pot Roses, 25c



MRS. CHAS. RUSSELL  
2-Year, 50c; Pot Roses, 25c

## *Plant Roses This Fall and Winter*

Three of the grandest yard roses grown—Jonkherr J. L. Mock, a beautiful pink, far surpassing any other pink; Ophelia, the finest flesh, pink and cream color ever seen; Mrs. Chas. Russell, most double and longest lasting light red; 3 for \$1.50.

**Lang Floral and Nursery Co.**  
Dallas, Texas